Table A.2.1-Alt2D-2. Operational Criteria Pollutant Emission Simulations - Hourly/Daily Scenario- POLB MHTP - Mitigated Alternative 2

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO 2	PM10	PM2.5
OGV - Harbor Transit - 1 4-5k TEU												
	633 - 685	100	10,000	0.04	27	270,000	1.00	0.79	0.87	2.89	0.22	0.21
Subtotals			-	-	27	270,000	-	21.30	23.37	78.13	5.98	5.61
OGV - Docking - 1 4-5k TEU												
	616	300	90,000	1.00	1	90,000	1.00	9.92	9.01	30.25	2.50	2.35
Subtotals			-	-	1	90,000	-	9.92	9.01	30.25	2.50	2.35
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)												
	2021	NA	NA	1	1	NA	NA	2.88	5.46	17.79	1.38	1.30
Subtotals			-	-	1	-	-	2.88	5.46	17.79	1.38	1.30
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)												
	2003	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen no cold-iron)												
	2019	NA	NA	1	1	NA	NA	2.59	4.91	16.01	1.25	1.17
Subtotals			-	-	1	-	-	2.59	4.91	16.01	1.25	1.17
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)												
	2001	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
Tugs - Harbor Transit - 2@ 0.72 hrs of ops												
	3633 -3685	100	10,000	0.04	27	270,000	1.00	0.08	0.41	0.98	0.07	0.07
Subtotals			-	-	27	270,000	-	2.09	10.99	26.43	1.88	1.76
Tugs - Docking - 2@ 0.25 hrs of ops												
	3,616	300	90,000	1.00	1	90,000	1.00	0.73	3.82	9.18	0.65	0.61
Subtotals			-	-	1	90,000	-	0.73	3.82	9.18	0.65	0.61
Haul Line Locomotive - 10 mph - Port to Ocean Blvd												
	916 - 941	15	225	0.04	26	5,850	1.00	0.01	0.02	0.03	0.00	0.00
Subtotals			-	-	26	5,850	-	0.30	0.52	0.74	0.08	0.08
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH												
	762 - 915	15	225	0.01	154	34,650	1.00	0.00	0.01	0.01	0.00	0.00
Subtotals			-	-	154	34,650	-	0.68	1.18	1.67	0.18	0.18
Locomotives - Rail Yard												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.10	0.12	0.01	0.01
Subtotals			-	-	29	18,125	-	1.40	2.82	3.43	0.35	0.35
Rail Yard Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.01	0.03	0.03	0.00	0.00
Subtotals			-	-	29	18,125	-	0.19	0.96	0.88	0.11	0.10
Rail Yard - Locomotives + Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.13	0.15	0.02	0.02
Subtotals			-	-	29	18,125	-	1.59	3.77	4.31	0.45	0.45
Terminal Equipment												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.04	0.23	0.26	0.03	0.03
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.09	0.51	0.57	0.07	0.06
	1714	85	7,225	0.008	1	7,225	0.01	0.12	0.66	0.74	0.09	0.08
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.17	0.91	1.02	0.12	0.11
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.26	1.42	1.60	0.19	0.17
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.37	2.05	2.30	0.27	0.25
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.51	2.79	3.13	0.37	0.34
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.67	3.64	4.08	0.48	0.44
	1735-1736	300	90,000	0.105	2	180,000	0.21	1.50	8.19	9.19	1.09	1.00
	1737	400	160,000	0.187	1	160,000	0.19	2.67	14.56	16.34	1.93	1.78
Subtotals			-	-	38	855,975	1.00					
Trucks - On-Terminal												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.03	0.04	0.03	0.00	0.00
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.07	0.10	0.07	0.00	0.00
	1714	85	7,225	0.008	1	7,225	0.01	0.08	0.12	0.10	0.00	0.00
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.12	0.17	0.13	0.01	0.01
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.18	0.27	0.21	0.01	0.01
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.26	0.39	0.30	0.01	0.01
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.35	0.53	0.40	0.02	0.02
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.46	0.69	0.53	0.02	0.02
	1735-1736	300	90,000	0.105	2	180,000	0.21	1.04	1.55	1.19	0.05	0.05
	1737	400	160,000	0.187	1	160,000	0.19	1.85	2.75	2.11	0.09	0.08
Subtotals			-	-	38	855,975	1.00					

Table A.2.1-Alt2D-2. Operational Criteria Pollutant Emission Simulations - Hourly/Daily Scenario- POLB MHTP - Mitigated Alternative 2

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO 2	PM10	PM2.5
Terminal - Equipment + Trucks												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.07	0.27	0.29	0.03	0.03
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.16	0.61	0.65	0.07	0.07
	1714	85	7,225	0.008	1	7,225	0.01	0.20	0.78	0.83	0.09	0.08
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.28	1.08	1.15	0.13	0.12
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.44	1.69	1.80	0.20	0.18
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.64	2.43	2.60	0.28	0.26
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.86	3.31	3.53	0.39	0.36
	1730-1734	200	40,000	0.047	5	200,000	0.23	1.13	4.33	4.61	0.51	0.46
	1735-1736	300	90,000	0.105	2	180,000	0.21	2.54	9.74	10.38	1.14	1.05
	1737	400	160,000	0.187	1	160,000	0.19	4.52	17.31	18.45	2.02	1.86
Subtotals			-	-	38	855,975	1.00					
Pier D Entry Road												
	1636-1640	50	2,500	0.20	5	12,500	1.00	0.099	0.212	0.101	0.005	0.004
Subtotals			-	-	5	12,500	1.00	0.49	1.06	0.51	0.02	0.02
Pier D In Gate												
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	0.22	0.29	0.16	0.01	0.01
Subtotals			-	-	5	12,500	1.00	1.11	1.47	0.80	0.04	0.03
Pier D Exit Road												
	40,48	50	2,500	0.50	2	5,000	1.00	0.07	0.16	0.07	0.00	0.00
Subtotals			-	-	2	5,000	1.00	0.14	0.31	0.15	0.01	0.01
Pier D Out Gate												
	4-6	50	2,500	0.33	3	7,500	1.00	0.22	0.29	0.16	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.65	0.86	0.47	0.02	0.02
Pier F Entry Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.04	0.08	0.04	0.00	0.00
Subtotals			-	-	3	7,500	1.00	0.11	0.23	0.11	0.01	0.00
Pier F Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.12	0.27	0.13	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.37	0.81	0.38	0.02	0.02
Pier F Entry + Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.16	0.35	0.17	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.48	1.04	0.50	0.02	0.02
Pier F In + Out Gates												
	554	100	10,000	1.00	1	10,000	1.00	1.15	1.52	0.82	0.04	0.03
Subtotals			-	-	1	10,000	1.00	1.15	1.52	0.82	0.04	0.03

Table A.2.1-Alt2D-3. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of PHT	PHT	Pounds per Hour TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	18	0.07	0.26	0.16	0.01	0.01	0.00	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	18	0.03	0.09	0.05	0.00	0.00	0.00	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	20	0.12	0.48	0.29	0.01	0.01	0.01	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	34	0.04	0.16	0.12	0.00	0.00	0.00	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.09	59	0.05	0.19	0.11	0.00	0.00	0.00	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.05	33	0.04	0.19	0.16	0.01	0.00	0.00	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.04	26	0.05	0.21	0.15	0.01	0.00	0.00	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.15	93	0.13	0.60	0.61	0.02	0.02	0.01	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.33	209	0.18	0.80	0.82	0.03	0.02	0.02	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.31	199	0.80	3.57	3.62	0.13	0.09	0.08	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.49	309	0.61	2.58	1.86	0.06	0.06	0.05	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.28	178	0.16	0.67	0.48	0.02	0.01	0.01	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	56	0.02	0.09	0.07	0.00	0.00	0.00	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.08	50	0.05	0.21	0.15	0.01	0.00	0.00	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.23	143	0.26	1.08	0.78	0.03	0.02	0.02	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.37	236	0.75	3.14	2.27	0.08	0.07	0.06	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.37	236	0.14	0.57	0.35	0.01	0.01	0.01	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.16	101	0.07	0.29	0.21	0.01	0.01	0.01	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.81	46	0.15	97	0.17	0.74	0.88	0.03	0.02	0.02	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.15	93	0.05	0.20	0.23	0.01	0.01	0.01	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.30	190	0.31	1.35	1.59	0.06	0.04	0.04	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.29	183	0.57	2.27	1.39	0.05	0.05	0.04	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.12	78	0.19	0.78	0.56	0.02	0.02	0.02	18
Ocean Blvd: Bridge	1064	0.87	32	0.12	78	0.26	1.09	0.78	0.03	0.02	0.02	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.12	78	0.09	0.39	0.28	0.01	0.01	0.01	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	0.07	43	0.03	0.13	0.10	0.00	0.00	0.00	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.04	26	0.01	0.05	0.04	0.00	0.00	0.00	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.05	31	0.06	0.24	0.17	0.01	0.01	0.00	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.36	228	0.99	4.26	5.04	0.18	0.14	0.13	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.21	131	0.10	0.39	0.24	0.01	0.01	0.01	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.21	131	0.15	0.61	0.37	0.01	0.01	0.01	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.18	116	0.06	0.23	0.14	0.00	0.00	0.00	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.18	116	0.09	0.34	0.21	0.01	0.01	0.01	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.28	180	0.49	1.06	0.51	0.01	0.02	0.02	5
Pier D In Gate	1	0.15	5	0.28	180	1.11	1.47	0.80	0.01	0.04	0.03	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.17	105	0.14	0.31	0.15	0.00	0.01	0.01	2
Pier D Out Gate	4	0.15	5	0.17	105	0.65	0.86	0.47	0.01	0.02	0.02	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.15	95	0.11	0.23	0.11	0.00	0.01	0.00	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.22	136	0.37	0.81	0.38	0.01	0.02	0.02	3
Pier F In + Out Gates	554	0.12	5	0.22	232	1.15	1.52	0.82	0.01	0.04	0.03	1

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	0.0183	0.0771	0.0556	0.0017	0.0016
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	0.0063	0.0266	0.0192	0.0006	0.0005
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	0.0072	0.0301	0.0217	0.0007	0.0006
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	0.0072	0.0301	0.0217	0.0007	0.0006
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	0.0072	0.0301	0.0217	0.0007	0.0006
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	0.0228	0.0958	0.0691	0.0021	0.0019
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	0.0383	0.1613	0.1163	0.0035	0.0033
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	0.0103	0.0435	0.0314	0.0010	0.0009

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	0.0103	0.0435	0.0314	0.0010	0.0009
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	0.0103	0.0435	0.0314	0.0010	0.0009
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1100	I-710 1	388240.92	3741119.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1101	I-710 2	388241.31	3741057.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1102	I-710 3	388243.97	3740995.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1103	I-710 4	388249.99	3740933.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1104	I-710 5	388256.45	3740871.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1105	I-710 6	388265.09	3740810.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1106	I-710 7	388273.78	3740749.1	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1107	I-710 8	388279.73	3740687.4	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1108	I-710 9	388281.42	3740625.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1109	I-710 10	388280.43	3740563.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1110	I-710 11	388279.44	3740501.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1111	I-710 12	388278.46	3740439.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1112	I-710 13	388277.47	3740377.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1113	I-710 14	388276.49	3740315.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1114	I-710 15	388275.5	3740253.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1115	I-710 16	388274.51	3740191.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1116	I-710 17	388273.35	3740129.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1117	I-710 18	388267.27	3740067.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1118	I-710 19	388258.34	3740006.6	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1119	I-710 20	388244.55	3739946.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1120	I-710 21	388230.76	3739885.7	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1121	I-710 22	388216.97	3739825.3	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1122	I-710 23	388204.89	3739764.5	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1123	I-710 24	388195.56	3739703.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1124	I-710 25	388188.02	3739641.7	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1125	I-710 26	388183.3	3739579.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1126	I-710 27	388180.09	3739518	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1127	I-710 28	388179.51	3739456	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1128	I-710 29	388183.74	3739394.2	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1129	I-710 30	388188.83	3739332.4	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1130	I-710 31	388194.17	3739270.6	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1131	I-710 32	388199.46	3739208.8	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1132	I-710 33	388199.39	3739146.8	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1133	I-710 34	388199.85	3739084.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1134	I-710 35	388200.87	3739022.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1135	I-710 36	388199.51	3738960.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1136	I-710 37	388197.57	3738898.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1137	I-710 38	388195.63	3738836.9	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1138	I-710 39	388193.68	3738775	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1139	I-710 40	388191.74	3738713	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1140	I-710 41	388189.5	3738651.1	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1141	I-710 42	388187.25	3738589.1	31	0.0383	0.1686	0.1851	0.0049	0.0045
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1142	I-710 43	388184.99	3738527.1	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1143	I-710 44	388189	3738465.2	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1144	I-710 45	388190	3738403.2	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1145	I-710 46	388208	3738342	31	0.0392	0.1728	0.1894	0.0050	0.0046
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 10	388755	3735890	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 11	388717	3735941	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 12	388665	3735988	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 13	388611	3736036	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 14	388564	3736090	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 15	388516	3736144	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 16	388476	3736204	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 17	388442	3736267	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 18	388416	3736334	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 19	388395	3736403	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 20	388367	3736469	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 21	388328	3736530	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 22	388287	3736588	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 23	388245	3736647	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 24	388213	3736711	36	0.0183	0.0793	0.0938	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1170	HARBOR SCENIC 25	388213	3736780	36	0.0095	0.0412	0.0487	0.0013	0.0012

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1170	HARBOR SCENIC 25	388213	3736780	36	0.0092	0.0397	0.0469	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1170	HARBOR SCENIC 25	388212.54	3736780.2	36	0.0187	0.0809	0.0957	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1171	HARBOR SCENIC 26	388196	3736850	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1171	HARBOR SCENIC 26	388196	3736850	36	0.0092	0.0397	0.0469	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1171	HARBOR SCENIC 26	388196.24	3736850.3	36	0.0187	0.0809	0.0957	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1172	HARBOR SCENIC 27	388191	3736922	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1172	HARBOR SCENIC 27	388191	3736922	36	0.0092	0.0397	0.0469	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1172	HARBOR SCENIC 27	388191.38	3736922.1	36	0.0187	0.0809	0.0957	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1173	HARBOR SCENIC 28	388200	3736993	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1173	HARBOR SCENIC 28	388200	3736993	36	0.0092	0.0397	0.0469	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1173	HARBOR SCENIC 28	388200.37	3736993.4	36	0.0187	0.0809	0.0957	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1174	HARBOR SCENIC 29	388212	3737064	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1174	HARBOR SCENIC 29	388212	3737064	36	0.0092	0.0397	0.0469	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1174	HARBOR SCENIC 29	388212.45	3737064.4	36	0.0187	0.0809	0.0957	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1175	HARBOR SCENIC 30	388223	3737136	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1175	HARBOR SCENIC 30	388223	3737136	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1175	HARBOR SCENIC 30	388223.28	3737135.6	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1176	HARBOR SCENIC 31	388233	3737207	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1176	HARBOR SCENIC 31	388233	3737207	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1176	HARBOR SCENIC 31	388232.96	3737206.9	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1177	HARBOR SCENIC 32	388240	3737279	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1177	HARBOR SCENIC 32	388240	3737279	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1177	HARBOR SCENIC 32	388239.74	3737278.5	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1178	HARBOR SCENIC 33	388243	3737350	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1178	HARBOR SCENIC 33	388243	3737350	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1178	HARBOR SCENIC 33	388242.54	3737350.5	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1179	HARBOR SCENIC 34	388244	3737422	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1179	HARBOR SCENIC 34	388244	3737422	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1179	HARBOR SCENIC 34	388244.23	3737422.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1180	HARBOR SCENIC 35	388243	3737494	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1180	HARBOR SCENIC 35	388243	3737494	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1180	HARBOR SCENIC 35	388242.79	3737494.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1181	HARBOR SCENIC 36	388241	3737566	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1181	HARBOR SCENIC 36	388241	3737566	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1181	HARBOR SCENIC 36	388241.35	3737566.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1182	HARBOR SCENIC 37	388241	3737638	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1182	HARBOR SCENIC 37	388241	3737638	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1182	HARBOR SCENIC 37	388241.06	3737638.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1183	HARBOR SCENIC 38	388242	3737710	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1183	HARBOR SCENIC 38	388242	3737710	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1183	HARBOR SCENIC 38	388241.93	3737710.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1184	HARBOR SCENIC 39	388243	3737782	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1184	HARBOR SCENIC 39	388243	3737782	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1184	HARBOR SCENIC 39	388242.8	3737782.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1185	HARBOR SCENIC 40	388244	3737854	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1185	HARBOR SCENIC 40	388244	3737854	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1185	HARBOR SCENIC 40	388243.68	3737854.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1186	HARBOR SCENIC 41	388245	3737926	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1186	HARBOR SCENIC 41	388245	3737926	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1186	HARBOR SCENIC 41	388244.55	3737926.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1187	HARBOR SCENIC 42	388245	3737998	36	0.0103	0.0464	0.0470	0.0012	0.0011
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1187	HARBOR SCENIC 42	388245	3737998	36	0.0095	0.0412	0.0487	0.0013	0.0012
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1187	HARBOR SCENIC 42	388245.43	3737998.4	36	0.0199	0.0876	0.0958	0.0025	0.0023
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	0.0035	0.0146	0.0106	0.0003	0.0003
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	0.0078	0.0311	0.0190	0.0006	0.0006
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	0.0027	0.0120	0.0103	0.0003	0.0003

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	0.0027	0.0120	0.0103	0.0003	0.0003
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	0.0154	0.0613	0.0374	0.0013	0.0012
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	0.0154	0.0613	0.0374	0.0013	0.0012
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	0.0017	0.0073	0.0052	0.0002	0.0001
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	0.0097	0.0387	0.0236	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	0.0096	0.0383	0.0234	0.0008	0.0007
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	0.0096	0.0383	0.0234	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	0.0110	0.0439	0.0268	0.0009	0.0008

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	0.0110	0.0439	0.0268	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	0.0110	0.0437	0.0267	0.0009	0.0008
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	0.0110	0.0437	0.0267	0.0009	0.0008
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	0.0267	0.1123	0.0810	0.0025	0.0023
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	0.0267	0.1123	0.0810	0.0025	0.0023
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	0.0356	0.1414	0.0864	0.0029	0.0027
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	0.0356	0.1414	0.0864	0.0029	0.0027
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	0.0356	0.1414	0.0864	0.0029	0.0027
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	0.0356	0.1414	0.0864	0.0029	0.0027
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	0.0114	0.0479	0.0345	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	0.0114	0.0479	0.0345	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	0.0114	0.0479	0.0345	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	0.0114	0.0479	0.0345	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	0.0114	0.0479	0.0345	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	0.0114	0.0479	0.0345	0.0011	0.0010
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	0.0030	0.0126	0.0091	0.0003	0.0003
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	0.0030	0.0126	0.0091	0.0003	0.0003
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	0.0030	0.0126	0.0091	0.0003	0.0003
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	0.0030	0.0126	0.0091	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	0.0035	0.0147	0.0106	0.0003	0.0003
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	0.0035	0.0147	0.0106	0.0003	0.0003
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	0.0025	0.0101	0.0062	0.0002	0.0002

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	0.0025	0.0101	0.0062	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	0.0025	0.0101	0.0062	0.0002	0.0002
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	0.0037	0.0129	0.0066	0.0003	0.0002
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	0.0029	0.0116	0.0071	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	0.0029	0.0116	0.0071	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	0.0027	0.0120	0.0103	0.0003	0.0003
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	0.0027	0.0120	0.0103	0.0003	0.0003
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	0.0383	0.1613	0.1163	0.0035	0.0033
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	0.0017	0.0073	0.0052	0.0002	0.0001

Table A.2.1-Alt2D-4. Hourly Roadway Link Emissions - POLB MHTP - Unmitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	0.0017	0.0073	0.0052	0.0002	0.0001
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	0.0017	0.0073	0.0052	0.0002	0.0001
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1613	I-710 47	388220	3738282	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1614	I-710 48	388230	3738221	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1615	I-710 49	388240	3738160	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1616	I-710 50	388245	3738099	31	0.0392	0.1728	0.1894	0.0050	0.0046
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1617	I-710 51	388245	3738038	31	0.0392	0.1728	0.1894	0.0050	0.0046
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	0.0383	0.1613	0.1163	0.0035	0.0033
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	0.0029	0.0122	0.0088	0.0003	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	0.0029	0.0122	0.0088	0.0003	0.0002

Table A.2.1-Alt2D-5. Mitigated Operational Hourly Emissions - POLB MHTP - Mitigated Alternative 2

Source Activity	Pounds per Hour				
	TOG	CO	NO_2	PM_{10}	$PM_{2.5}$
OGV - Harbor Transit - 1 4-5k TEU	21.3	23.4	78.1	6.0	5.6
OGV - Docking - 1 4-5k TEU	9.9	9.0	30.3	2.5	2.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)	2.9	5.5	17.8	1.4	1.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)	0.2	1.6	1.1	0.5	0.5
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen cold-ironed)	0.3	0.5	1.6	0.1	0.1
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)	0.2	1.6	1.1	0.5	0.5
Tugs - Harbor Transit - 2@ 0.72 hrs of ops	2.1	11.0	26.4	1.9	1.8
Tugs - Docking - 2@ 0.25 hrs of ops	0.7	3.8	9.2	0.7	0.6
Haul Line Locomotive - 10 mph - Port to Ocean Blvd	0.3	0.5	0.7	0.1	0.1
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH	0.7	1.2	1.7	0.2	0.2
Locomotives - Rail Yard	1.4	2.8	3.4	0.3	0.3
Rail Yard Equipment	0.1	0.5	0.5	0.04	0.03
Terminal Equipment	9.4	39.6	61.0	4.8	4.4
Trucks - On-Terminal	9.2	13.8	9.7	0.4	0.4
Pier D Entry Road	0.45	0.97	0.36	0.02	0.02
Pier D In Gate	1.02	1.35	0.56	0.03	0.03
Pier D Exit Road	0.13	0.29	0.11	0.01	0.01
Pier D Out Gate	0.60	0.79	0.33	0.02	0.02
Pier F Entry Road	0.10	0.21	0.08	0.00	0.00
Pier F Exit Road	0.34	0.74	0.27	0.02	0.01
Pier F In + Out Gates	1.05	1.39	0.58	0.03	0.03
Total	62	120	245	20	18

Table A.2.1-Alt2D-6. Operational Criteria Pollutant Emission Simulations - POLB MHTP - Mitigated Alternative 2

Activity/Source ID	Source Number(s)	Width (me)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO2	PM10	PM2.5
OGV - Harbor Transit - 1 4-5k TEU												
	633 - 685	100	10,000	0.04	27	270,000	1.00	0.79	0.87	2.89	0.22	0.21
Subtotals			-	-	27	270,000	-	21.30	23.37	78.13	5.98	5.61
OGV - Docking - 1 4-5k TEU												
	616	300	90,000	1.00	1	90,000	1.00	9.92	9.01	30.25	2.50	2.35
Subtotals			-	-	1	90,000	-	9.92	9.01	30.25	2.50	2.35
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)												
	2021	NA	NA	1	1	NA	NA	2.88	5.46	17.79	1.38	1.30
Subtotals			-	-	1	-	-	2.88	5.46	17.79	1.38	1.30
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)												
	2003	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen cold-ironed)												
	2019	NA	NA	1	1	NA	NA	0.26	0.49	1.60	0.12	0.12
Subtotals			-	-	1	-	-	0.26	0.49	1.60	0.12	0.12
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)												
	2001	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
Tugs - Harbor Transit - 2@ 0.72 hrs of ops												
	3633 -3685	100	10,000	0.04	27	270,000	1.00	0.08	0.41	0.98	0.07	0.07
Subtotals			-	-	27	270,000	-	2.09	10.99	26.43	1.88	1.76
Tugs - Docking - 2@ 0.25 hrs of ops												
	3,616	300	90,000	1.00	1	90,000	1.00	0.73	3.82	9.18	0.65	0.61
Subtotals			-	-	1	90,000	-	0.73	3.82	9.18	0.65	0.61
Haul Line Locomotive - 10 mph - Port to Ocean Blvd												
	916 - 941	15	225	0.04	26	5,850	1.00	0.01	0.02	0.03	0.00	0.00
Subtotals			-	-	26	5,850	-	0.30	0.52	0.74	0.08	0.08
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH												
	762 - 915	15	225	0.01	154	34,650	1.00	0.00	0.01	0.01	0.00	0.00
Subtotals			-	-	154	34,650	-	0.68	1.18	1.67	0.18	0.18
Locomotives - Rail Yard												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.10	0.12	0.01	0.01
Subtotals			-	-	29	18,125	-	1.40	2.82	3.43	0.35	0.35
Rail Yard Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.00	0.02	0.02	0.00	0.00
Subtotals			-	-	29	18,125	-	0.11	0.47	0.53	0.04	0.03
Rail Yard - Locomotives + Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.11	0.14	0.01	0.01
Subtotals			-	-	29	18,125	-	1.51	3.29	3.96	0.38	0.38
Terminal Equipment												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.03	0.12	0.18	0.01	0.01
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.06	0.26	0.40	0.03	0.03
	1714	85	7,225	0.008	1	7,225	0.01	0.08	0.33	0.51	0.04	0.04
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.11	0.46	0.71	0.06	0.05
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.17	0.72	1.11	0.09	0.08
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.25	1.04	1.60	0.13	0.12
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.34	1.42	2.18	0.17	0.16
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.44	1.85	2.85	0.22	0.20
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.99	4.16	6.41	0.50	0.46
	1737	400	160,000	0.187	1	160,000	0.19	1.76	7.40	11.40	0.89	0.82
Subtotals			-	-	38	855,975	1.00					
Trucks - On-Terminal												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.03	0.04	0.03	0.00	0.00
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.06	0.09	0.06	0.00	0.00
	1714	85	7,225	0.008	1	7,225	0.01	0.08	0.12	0.08	0.00	0.00
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.11	0.16	0.11	0.01	0.00
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.17	0.25	0.18	0.01	0.01
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.24	0.36	0.25	0.01	0.01
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.33	0.50	0.35	0.02	0.01
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.43	0.65	0.45	0.02	0.02
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.97	1.46	1.02	0.05	0.04
	1737	400	160,000	0.187	1	160,000	0.19	1.73	2.59	1.81	0.08	0.07
Subtotals			-	-	38	855,975	1.00					

Table A.2.1-Alt2D-6. Operational Criteria Pollutant Emission Simulations - POLB MHTP - Mitigated Alternative 2

Activity/Source ID	Source Number(s)	Width (me)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO2	PM10	PM2.5
Terminal - Equipment + Trucks												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.05	0.16	0.21	0.02	0.01
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.12	0.35	0.46	0.03	0.03
	1714	85	7,225	0.008	1	7,225	0.01	0.16	0.45	0.60	0.04	0.04
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.22	0.62	0.83	0.06	0.06
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.34	0.98	1.29	0.09	0.09
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.49	1.40	1.86	0.14	0.13
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.67	1.91	2.53	0.19	0.17
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.87	2.50	3.30	0.24	0.22
	1735-1736	300	90,000	0.105	2	180,000	0.21	1.96	5.62	7.43	0.55	0.50
	1737	400	160,000	0.187	1	160,000	0.19	3.48	9.99	13.21	0.97	0.89
Subtotals			-	-	38	855,975	1.00					
Pier D Entry Road												
	1636-1640	50	2,500	0.20	5	12,500	1.00	0.090	0.195	0.072	0.004	0.004
Subtotals			-	-	5	12,500	1.00	0.45	0.97	0.36	0.02	0.02
Pier D In Gate												
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	0.20	0.27	0.11	0.01	0.01
Subtotals			-	-	5	12,500	1.00	1.02	1.35	0.56	0.03	0.03
Pier D Exit Road												
	40,48	50	2,500	0.50	2	5,000	1.00	0.07	0.14	0.05	0.00	0.00
Subtotals			-	-	2	5,000	1.00	0.13	0.29	0.11	0.01	0.01
Pier D Out Gate												
	4-6	50	2,500	0.33	3	7,500	1.00	0.20	0.26	0.11	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.60	0.79	0.33	0.02	0.02
Pier F Entry Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.03	0.07	0.03	0.00	0.00
Subtotals			-	-	3	7,500	1.00	0.10	0.21	0.08	0.00	0.00
Pier F Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.11	0.25	0.09	0.01	0.00
Subtotals			-	-	3	7,500	1.00	0.34	0.74	0.27	0.02	0.01
Pier F Entry + Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.15	0.32	0.12	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.44	0.95	0.35	0.02	0.02
Pier F In + Out Gates												
	554	100	10,000	1.00	1	10,000	1.00	1.05	1.39	0.58	0.03	0.03
Subtotals			-	-	1	10,000	1.00	1.05	1.39	0.58	0.03	0.03

Table A.2.1-Alt2D-7. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of PHT	PHT	Pounds per Hour TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	18	0.06	0.24	0.11	0.01	0.00	0.00	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	18	0.02	0.08	0.03	0.00	0.00	0.00	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	20	0.11	0.43	0.20	0.01	0.01	0.01	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	33	0.03	0.15	0.08	0.00	0.00	0.00	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.09	59	0.04	0.17	0.08	0.00	0.00	0.00	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.05	33	0.04	0.18	0.12	0.01	0.00	0.00	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.04	26	0.05	0.19	0.11	0.01	0.00	0.00	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.15	95	0.12	0.56	0.44	0.02	0.01	0.01	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.35	218	0.17	0.77	0.60	0.03	0.02	0.02	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.33	208	0.76	3.43	2.68	0.13	0.07	0.07	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.50	315	0.57	2.41	1.35	0.07	0.04	0.04	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.30	187	0.15	0.64	0.36	0.02	0.01	0.01	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	56	0.02	0.08	0.05	0.00	0.00	0.00	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.08	50	0.05	0.20	0.11	0.01	0.00	0.00	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.23	143	0.23	0.99	0.55	0.03	0.02	0.02	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.38	238	0.69	2.90	1.62	0.08	0.05	0.05	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.38	238	0.13	0.52	0.25	0.01	0.01	0.01	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.16	102	0.06	0.27	0.15	0.01	0.00	0.00	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.81	46	0.15	96	0.16	0.68	0.62	0.03	0.02	0.02	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.15	95	0.04	0.19	0.17	0.01	0.00	0.00	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.30	191	0.29	1.25	1.13	0.06	0.03	0.03	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.29	181	0.52	2.06	0.98	0.05	0.04	0.04	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.12	78	0.17	0.71	0.40	0.02	0.01	0.01	18
Ocean Blvd: Bridge	1064	0.87	32	0.12	78	0.24	0.99	0.55	0.03	0.02	0.02	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.12	78	0.08	0.36	0.20	0.01	0.01	0.01	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	0.07	43	0.03	0.12	0.07	0.00	0.00	0.00	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.04	26	0.01	0.05	0.03	0.00	0.00	0.00	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.05	31	0.05	0.22	0.12	0.01	0.00	0.00	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.36	226	0.89	3.88	3.52	0.18	0.10	0.09	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.21	130	0.09	0.36	0.17	0.01	0.01	0.01	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.21	130	0.14	0.55	0.26	0.01	0.01	0.01	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.20	123	0.06	0.23	0.11	0.01	0.00	0.00	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.20	123	0.08	0.34	0.16	0.01	0.01	0.01	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.28	180	0.45	0.97	0.36	0.01	0.02	0.02	5
Pier D In Gate	1	0.15	5	0.28	180	1.02	1.35	0.56	0.01	0.03	0.03	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.17	105	0.13	0.29	0.11	0.00	0.01	0.01	2
Pier D Out Gate	4	0.15	5	0.17	105	0.60	0.79	0.33	0.01	0.02	0.02	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.15	95	0.10	0.21	0.08	0.00	0.00	0.00	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.22	136	0.34	0.74	0.27	0.01	0.02	0.01	3
Pier F In + Out Gates	554	0.12	5	0.22	232	1.05	1.39	0.58	0.01	0.03	0.03	1

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	0.0023	0.0091	0.0043	0.0002	0.0002
Alameda St: Eubank - Anaheim St						0.060	0.237	0.112	0.004	0.004
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	0.0033	0.0116	0.0046	0.0002	0.0002
Anaheim St: Alameda - SR-47						0.023	0.081	0.032	0.002	0.001
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	0.0026	0.0105	0.0050	0.0002	0.0002

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	0.0026	0.0105	0.0050	0.0002	0.0002
Anaheim St: SR-47 - 9th St						0.108	0.428	0.203	0.008	0.007
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	0.0032	0.0134	0.0075	0.0002	0.0002
9th Street: Anaheim St - Santa Fe						0.035	0.147	0.082	0.003	0.002
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	0.0071	0.0283	0.0134	0.0005	0.0005
9th Street: Santa Fe to 10th						0.043	0.170	0.081	0.003	0.003
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	0.0025	0.0110	0.0073	0.0002	0.0002
9th Street: Caspian - Pico (SB only)						0.040	0.176	0.116	0.003	0.003
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	0.0016	0.0066	0.0037	0.0001	0.0001

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	0.0016	0.0066	0.0037	0.0001	0.0001
10th Street: Pico - 9th (NB only)						0.046	0.192	0.107	0.003	0.003
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	HARBOR SCENIC 30	388223	3737136	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1176	HARBOR SCENIC 31	388233	3737207	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1177	HARBOR SCENIC 32	388240	3737279	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1178	HARBOR SCENIC 33	388243	3737350	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1179	HARBOR SCENIC 34	388244	3737422	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1180	HARBOR SCENIC 35	388243	3737494	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1181	HARBOR SCENIC 36	388241	3737566	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1182	HARBOR SCENIC 37	388241	3737638	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1183	HARBOR SCENIC 38	388242	3737710	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1184	HARBOR SCENIC 39	388243	3737782	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1185	HARBOR SCENIC 40	388244	3737854	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1186	HARBOR SCENIC 41	388245	3737926	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1187	HARBOR SCENIC 42	388245	3737998	36	0.0096	0.0433	0.0338	0.0009	0.0009
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)						0.124	0.563	0.439	0.012	0.011
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1142	I-710 43	388185	3738527	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1143	I-710 44	388189	3738465	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1144	I-710 45	388190	3738403	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1145	I-710 46	388208	3738342	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	I-710 47	388220	3738282	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1614	I-710 48	388230	3738221	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1615	I-710 49	388240	3738160	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1616	I-710 50	388245	3738099	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1617	I-710 51	388245	3738038	31	0.0189	0.0856	0.0667	0.0018	0.0017
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)						0.170	0.770	0.601	0.017	0.015
I-710 : n/o Anaheim SB On Ramp (SB)	1100	I-710 1	388241	3741119	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1101	I-710 2	388241	3741057	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1102	I-710 3	388244	3740995	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1103	I-710 4	388250	3740934	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1104	I-710 5	388256	3740872	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1105	I-710 6	388265	3740810	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1106	I-710 7	388274	3740749	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1107	I-710 8	388280	3740687	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1108	I-710 9	388281	3740625	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1109	I-710 10	388280	3740563	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1110	I-710 11	388279	3740501	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1111	I-710 12	388278	3740440	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1112	I-710 13	388277	3740378	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1113	I-710 14	388276	3740316	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1114	I-710 15	388276	3740254	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1115	I-710 16	388275	3740192	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1116	I-710 17	388273	3740130	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1117	I-710 18	388267	3740068	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1118	I-710 19	388258	3740007	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1119	I-710 20	388245	3739946	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1120	I-710 21	388231	3739886	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1121	I-710 22	388217	3739825	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1122	I-710 23	388205	3739764	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1123	I-710 24	388196	3739703	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1124	I-710 25	388188	3739642	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1125	I-710 26	388183	3739580	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1126	I-710 27	388180	3739518	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1127	I-710 28	388180	3739456	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1128	I-710 29	388184	3739394	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1129	I-710 30	388189	3739332	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1130	I-710 31	388194	3739271	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1131	I-710 32	388199	3739209	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1132	I-710 33	388199	3739147	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1133	I-710 34	388200	3739085	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1134	I-710 35	388201	3739023	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1135	I-710 36	388200	3738961	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1136	I-710 37	388198	3738899	31	0.0181	0.0818	0.0637	0.0018	0.0016

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
I-710 : n/o Anaheim SB On Ramp (SB)	1137	I-710 38	388196	3738837	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1138	I-710 39	388194	3738775	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1139	I-710 40	388192	3738713	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1140	I-710 41	388190	3738651	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)	1141	I-710 42	388187	3738589	31	0.0181	0.0818	0.0637	0.0018	0.0016
I-710 : n/o Anaheim SB On Ramp (SB)						0.759	3.434	2.677	0.074	0.068
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	0.0358	0.1507	0.0842	0.0027	0.0025
Pico Ave: Pier B St - Pier D St						0.573	2.412	1.347	0.044	0.040
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	0.0218	0.0918	0.0513	0.0017	0.0015
Pico Ave: Pier D St - Terminal Entrance						0.153	0.642	0.359	0.012	0.011
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	0.0065	0.0273	0.0153	0.0005	0.0005
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	0.0065	0.0273	0.0153	0.0005	0.0005
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	0.0065	0.0273	0.0153	0.0005	0.0005
Pico Ave: Terminal Entrance - Pier E St						0.019	0.082	0.046	0.001	0.001
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	0.0058	0.0244	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector						0.0465	0.1956	0.1093	0.0035	0.0032
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	0.0167	0.0704	0.0393	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza						0.234	0.986	0.551	0.018	0.016
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	0.0246	0.1034	0.0578	0.0019	0.0017

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	0.0246	0.1034	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza						0.688	2.896	1.618	0.052	0.048
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	0.0329	0.1303	0.0618	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	0.0329	0.1303	0.0618	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	0.0329	0.1303	0.0618	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	0.0329	0.1303	0.0618	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave						0.132	0.521	0.247	0.010	0.009
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	0.0106	0.0445	0.0249	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge						0.063	0.267	0.149	0.005	0.004
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	HARBOR SCENIC 25	388213	3736780	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1171	HARBOR SCENIC 26	388196	3736850	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1172	HARBOR SCENIC 27	388191	3736922	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1173	HARBOR SCENIC 28	388200	3736993	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1174	HARBOR SCENIC 29	388212	3737064	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1175	HARBOR SCENIC 30	388223	3737136	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1176	HARBOR SCENIC 31	388233	3737207	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1177	HARBOR SCENIC 32	388240	3737279	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1178	HARBOR SCENIC 33	388243	3737350	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1179	HARBOR SCENIC 34	388244	3737422	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1180	HARBOR SCENIC 35	388243	3737494	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1181	HARBOR SCENIC 36	388241	3737566	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1182	HARBOR SCENIC 37	388241	3737638	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1183	HARBOR SCENIC 38	388242	3737710	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1184	HARBOR SCENIC 39	388243	3737782	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1185	HARBOR SCENIC 40	388244	3737854	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1186	HARBOR SCENIC 41	388245	3737926	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1187	HARBOR SCENIC 42	388245	3737998	36	0.0086	0.0378	0.0342	0.0010	0.0009
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)						0.156	0.680	0.616	0.017	0.016
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	HARBOR SCENIC 25	388213	3736780	36	0.0085	0.0371	0.0336	0.0009	0.0009
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1171	HARBOR SCENIC 26	388196	3736850	36	0.0085	0.0371	0.0336	0.0009	0.0009
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1172	HARBOR SCENIC 27	388191	3736922	36	0.0085	0.0371	0.0336	0.0009	0.0009
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1173	HARBOR SCENIC 28	388200	3736993	36	0.0085	0.0371	0.0336	0.0009	0.0009
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1174	HARBOR SCENIC 29	388212	3737064	36	0.0085	0.0371	0.0336	0.0009	0.0009
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)						0.042	0.186	0.168	0.005	0.004
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 10	388755	3735890	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 11	388717	3735941	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 12	388665	3735988	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 13	388611	3736036	36	0.0168	0.0734	0.0665	0.0018	0.0017

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 14	388564	3736090	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 15	388516	3736144	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 16	388476	3736204	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 17	388442	3736267	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 18	388416	3736334	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 19	388395	3736403	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 20	388367	3736469	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 21	388328	3736530	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 22	388287	3736588	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 23	388245	3736647	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 24	388213	3736711	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp						0.286	1.248	1.131	0.031	0.029
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	0.0140	0.0556	0.0264	0.0010	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave						0.519	2.057	0.975	0.039	0.035
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge						0.170	0.715	0.399	0.013	0.012

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge						0.236	0.993	0.555	0.018	0.016
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	0.0094	0.0397	0.0222	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp						0.085	0.357	0.200	0.006	0.006
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	0.0027	0.0112	0.0062	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd						0.029	0.123	0.069	0.002	0.002
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	0.0027	0.0115	0.0064	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	0.0027	0.0115	0.0064	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	0.0027	0.0115	0.0064	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	0.0027	0.0115	0.0064	0.0002	0.0002
Santa Fe: 9th St - Anaheim St						0.011	0.046	0.026	0.001	0.001
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	0.0032	0.0135	0.0076	0.0002	0.0002

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	0.0032	0.0135	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St						0.051	0.217	0.121	0.004	0.004
I-710 : n/o 9th Street Onramp (NB)	1100	I-710 1	388241	3741119	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1101	I-710 2	388241	3741057	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1102	I-710 3	388244	3740995	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1103	I-710 4	388250	3740934	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1104	I-710 5	388256	3740872	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1105	I-710 6	388265	3740810	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1106	I-710 7	388274	3740749	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1107	I-710 8	388280	3740687	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1108	I-710 9	388281	3740625	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1109	I-710 10	388280	3740563	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1110	I-710 11	388279	3740501	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1111	I-710 12	388278	3740440	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1112	I-710 13	388277	3740378	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1113	I-710 14	388276	3740316	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1114	I-710 15	388276	3740254	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1115	I-710 16	388275	3740192	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1116	I-710 17	388273	3740130	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1117	I-710 18	388267	3740068	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1118	I-710 19	388258	3740007	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1119	I-710 20	388245	3739946	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1120	I-710 21	388231	3739886	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1121	I-710 22	388217	3739825	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1122	I-710 23	388205	3739764	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1123	I-710 24	388196	3739703	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1124	I-710 25	388188	3739642	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1125	I-710 26	388183	3739580	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1126	I-710 27	388180	3739518	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1127	I-710 28	388180	3739456	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1128	I-710 29	388184	3739394	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1129	I-710 30	388189	3739332	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1130	I-710 31	388194	3739271	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1131	I-710 32	388199	3739209	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1132	I-710 33	388199	3739147	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1133	I-710 34	388200	3739085	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1134	I-710 35	388201	3739023	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1135	I-710 36	388200	3738961	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1136	I-710 37	388198	3738899	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1137	I-710 38	388196	3738837	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1138	I-710 39	388194	3738775	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1139	I-710 40	388192	3738713	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1140	I-710 41	388190	3738651	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1141	I-710 42	388187	3738589	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1142	I-710 43	388185	3738527	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1143	I-710 44	388189	3738465	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1144	I-710 45	388190	3738403	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1145	I-710 46	388208	3738342	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1613	I-710 47	388220	3738282	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1614	I-710 48	388230	3738221	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1615	I-710 49	388240	3738160	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1616	I-710 50	388245	3738099	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)	1617	I-710 51	388245	3738038	31	0.0174	0.0761	0.0690	0.0019	0.0018
I-710 : n/o 9th Street Onramp (NB)						0.889	3.884	3.521	0.098	0.090
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	0.0100	0.0397	0.0188	0.0007	0.0007
Onramp: 9th St - I-710 (NB)						0.090	0.357	0.169	0.007	0.006
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	0.0100	0.0395	0.0187	0.0007	0.0007

Table A.2.1-Alt2D-8. Hourly Roadway Link Emissions - POLB MHTP - Mitigated Alternative 2

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	0.0100	0.0395	0.0187	0.0007	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)						0.140	0.553	0.262	0.010	0.010
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	0.0095	0.0378	0.0179	0.0007	0.0007
Offramp: I-710 at 9th Street (SB)						0.057	0.227	0.107	0.004	0.004
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	0.0094	0.0374	0.0177	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)						0.085	0.336	0.160	0.006	0.006

Alternative 3 (NEPA Baseline) (Annual and Daily)

Annual

Table A.2.1 Alt 3A-1. Year 2010 Operational Annual Emissions - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3A-2. 2010 Annual Operational Criteria Pollutant Emission Simulations - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3A-3. Year 2010 Annual Roadway Emissions - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3A-4. Year 2010 Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 3.

Daily

Table A.2.1 Alt 3D-1. Year 2010 Operational Hourly Emissions - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3D-2. Operational Criteria Pollutant Emission Simulations - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3D-3. Year 2010 Hourly Roadway Link Emissions - POLB MHTP - Alternative 3.

Table A.2.1 Alt 3D-4. Year 2010 Hourly Roadway Link Emissions - POLB MHTP - Alternative 3.

Table A.2.1-Alt3A-1 Year 2010 Operational Annual Emissions - POLB Middle Harbor NEPA Baseline

Source Activity	Annual Average Pounds per Hour (1)			
	CO	NO2	PM10	PM2.5
OGVs - Fairway Transit		42.53		
OGVs - Precautionary Area Transit		13.11		
OGVs - Harbor Transit		5.41		
OGVs - Docking		1.95		
OGVs - Hoteling Aux. Gens. - Berth E24 - (no cold-iron)		4.75		
OGVs - Hoteling Boilers - Berth E24		1.68		
OGVs - Hoteling Aux. Gens. - Berth E26 (cold-iron)		0.47		
OGVs - Hoteling Boilers - Berth E26		1.68		
OGVs - Hoteling Aux. Gens. - Berth F6 (no cold-iron)		4.75		
OGVs - Hoteling Boilers - Berth F6		1.68		
Tugs - Harbor Transit		0.94		
Tugs - Docking		0.31		
Haul Line Locomotive - 10 mph - Port to Ocean Blvd		0.02		
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH		0.05		
Locomotives - Rail Yard		0.17		
Rail Yard Equipment		0.08		
Terminal Equipment		6.45		
Trucks - On-Terminal		3.64		
Pier D Entry Road		0.14		
Pier D In Gate		0.21		
Pier D Exit Road		0.04		
Pier D Out Gate		0.12		
Pier F Entry Road		0.03		
Pier F Exit Road		0.10		
Pier F In + Out Gates		0.22		

Note: (1) annual emissions divided by 8760 hours.

(2) Used the following NOx to NO2 SCAQMD convertion factors: (a) OGV fairway and precautionary area, 5000m or 100%, (b) OGV and tug harbor transit and docking, 1000m or 46.7%, (c) all other sources, 500m or 25.8%.

Table A.2.1-Alt3A-2 2010 Annual Operational Criteria Pollutant Emission Simulations - POLB Middle Harbor NEPA Baseline

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour			
								CO	NO2	PM10	PM2.5
OGVs - Fairway Transit											
	719-761	300	90,000	0.02	43	3,870,000	1.00		0.99		
Subtotals			-	-	43	3,870,000	-		42.53		
OGVs - Precautionary Area Transit											
	686-718	300	90,000	0.03	33	2,970,000	1.00	-	0.40	-	-
Subtotals			-	-	33	2,970,000	-	-	13.11	-	-
OGVs - Harbor Transit											
	633 - 685	100	10,000	0.04	27	270,000	1.00	-	0.20	-	-
Subtotals			-	-	27	270,000	-	-	5.41	-	-
OGVs - Docking											
	616	300	90,000	1.00	1	90,000	1.00	-	1.95	-	-
Subtotals			-	-	1	90,000	-	-	1.95	-	-
OGVs - Hoteling Aux. Gens. - Berth E24 - (no cold-iron)											
	2020	NA	NA	0.50	2	NA	NA	-	2.37	-	-
Subtotals			-	-	2	-	-	-	4.75	-	-
OGVs - Hoteling Boilers - Berth E24											
	2002	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
OGVs - Hoteling Aux. Gens. - Berth E26 (cold-iron)											
	2019	NA	NA	0.50	2	NA	NA	-	0.24	-	-
Subtotals			-	-	2	-	-	-	0.47	-	-
OGVs - Hoteling Boilers - Berth E26											
	2001	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
OGVs - Hoteling Aux. Gens. - Berth F6 (no cold-iron)											
	2021	NA	NA	0.50	2	NA	NA	-	2.37	-	-
Subtotals			-	-	2	-	-	-	4.75	-	-
OGVs - Hoteling Boilers - Berth F6											
	2003	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
Tugs - Harbor Transit											
	3633 -3685	100	10,000	0.04	27	270,000	1.00	-	0.03	-	-
Subtotals			-	-	27	270,000	-	-	0.94	-	-
Tugs - Docking											
	3,616	300	90,000	1.00	1	90,000	1.00	-	0.31	-	-
Subtotals			-	-	1	90,000	-	-	0.31	-	-
Haul Line Locomotive - 10 mph - Port to Ocean Blvd											
	916 - 941	15	225	0.04	26	5,850	1.00	-	0.001	-	-
Subtotals			-	-	26	5,850	-	-	0.02	-	-
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH											
	762 - 915	15	225	0.01	154	34,650	1.00	-	0.0003	-	-
Subtotals			-	-	154	34,650	-	-	0.05	-	-
Locomotives - Rail Yard											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.01	-	-
Subtotals			-	-	29	18,125	-	-	0.17	-	-
Rail Yard Equipment											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.00	-	-
Subtotals			-	-	29	18,125	-	-	0.08	-	-
Rail Yard - Locomotives + Equipment											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.01	-	-
Subtotals			-	-	29	18,125	-	-	0.25	-	-
Terminal Equipment											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.02	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.04	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.05	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.08	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.12	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.17	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.23	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.30	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	0.68	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	1.20	-	-
			-	-	38	855,975	1.00				

Table A.2.1-Alt3A-2 2010 Annual Operational Criteria Pollutant Emission Simulations - POLB Middle Harbor NEPA Baseline

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour			
								CO	NO2	PM10	PM2.5
Trucks - On-Terminal											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.01	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.02	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.03	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.04	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.07	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.10	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.13	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.17	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	0.38	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	0.68	-	-
			-	-	38	855,975	1.00				
Terminal - Equipment + Trucks											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.03	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.07	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.09	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.12	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.18	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.27	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.36	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.47	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	1.06	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	1.89	-	-
			-	-	38	855,975	1.00				
Pier D Entry Road											
	1636-1640	50	2,500	0.20	5	12,500	1.00	-	0.027	-	-
Subtotals			-	-	5	12,500	1.00	-	0.14	-	-
Pier D In Gate											
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	-	0.04	-	-
Subtotals			-	-	5	12,500	1.00	-	0.21	-	-
Pier D Exit Road											
	40,48	50	2,500	0.50	2	5,000	1.00	-	0.02	-	-
Subtotals			-	-	2	5,000	1.00	-	0.04	-	-
Pier D Out Gate											
	4-6	50	2,500	0.33	3	7,500	1.00	-	0.04	-	-
Subtotals			-	-	3	7,500	1.00	-	0.12	-	-
Pier F Entry Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.01	-	-
Subtotals			-	-	3	7,500	1.00	-	0.03	-	-
Pier F Exit Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.03	-	-
Subtotals			-	-	3	7,500	1.00	-	0.10	-	-
Pier F Entry + Exit Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.04	-	-
Subtotals			-	-	3	7,500	1.00	-	0.13	-	-
Pier F In + Out Gates											
	554	100	10,000	1.00	1	10,000	1.00	-	0.22	-	-
Subtotals			-	-	1	10,000	1.00	-	0.22	-	-

Table A.2.1-Alt3A-3 Year 2010 Annual Roadway Emissions - POLB Middle Harbor NEPA Baseline

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of AnT	Annual Trips	Pounds per Year TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	58,842	201	795	377	18	15	14	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	58,842	79	273	109	5	5	5	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	66,497	362	1,435	681	32	27	25	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	111,086	116	488	272	13	9	8	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.09	194,985	143	565	268	13	11	10	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.05	109,633	132	583	385	19	12	11	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.04	86,532	151	635	355	17	11	11	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.15	305,168	400	1,811	1,412	70	39	36	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.33	687,927	536	2,428	1,893	94	52	48	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.31	654,180	2,385	10,798	8,418	420	233	215	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.49	1,020,785	1,853	7,803	4,359	211	141	130	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.28	590,787	482	2,031	1,134	55	37	34	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	184,312	65	272	152	7	5	5	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.08	163,833	152	641	358	17	12	11	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.23	471,886	771	3,246	1,813	88	59	54	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.37	775,324	2,243	9,444	5,276	256	170	157	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.37	775,324	429	1,700	806	38	32	29	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.16	329,397	204	860	481	23	16	14	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.99	46	0.15	317,951	629	2,747	2,490	125	69	64	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.15	305,168	137	597	541	27	15	14	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.30	623,317	931	4,064	3,684	184	102	94	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.29	602,261	1,728	6,843	3,244	154	128	118	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.12	255,845	558	2,348	1,312	64	42	39	18
Ocean Blvd: Bridge	1064	0.87	32	0.12	255,845	775	3,261	1,822	88	59	54	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.12	255,845	279	1,174	656	32	21	19	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	0.07	140,181	96	403	225	11	7	7	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.04	87,109	36	152	85	4	3	3	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.05	101,819	169	712	398	19	13	12	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.36	750,807	2,954	12,899	11,694	585	325	299	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.21	432,658	301	1,192	565	27	22	21	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.21	432,658	467	1,848	876	42	35	32	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.18	382,758	178	703	333	16	13	12	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.18	382,758	264	1,044	495	23	20	18	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.28	591,877	1,488	3,204	1,190	41	66	61	5
Pier D In Gate	1	0.15	5	0.28	591,877	3,354	4,441	1,855	35	106	97	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.17	347,130	436	940	349	12	19	18	2
Pier D Out Gate	4	0.15	5	0.17	347,130	1,967	2,605	1,088	21	62	57	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.15	314,172	324	699	259	9	14	13	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.22	448,794	1,128	2,430	902	31	50	46	3
Pier F In + Out Gates	554	0.12	5	0.22	762,966	3,459	4,580	1,913	36	109	100	1

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	30.56	14.49	0.57	0.53
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	30.6	14.5	0.6	0.5
Alameda St: Eubank - Anaheim St						794.6	376.7	14.9	13.7
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	39.0	15.5	0.7	0.7
Anaheim St: Alameda - SR-47						272.9	108.7	5.1	4.7
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	35.0	16.6	0.7	0.6

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	35.0	16.6	0.7	0.6
Anaheim St: SR-47 - 9th St						1,435.4	680.5	26.9	24.7
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	44.3	24.8	0.8	0.7
9th Street: Anaheim St - Santa Fe						487.7	272.5	8.8	8.1
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	94.1	44.6	1.8	1.6
9th Street: Santa Fe to 10th						564.6	267.7	10.6	9.7
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	36.5	24.1	0.7	0.7
9th Street: Caspian - Pico (SB only)						583.3	385.3	11.6	10.7
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	21.9	12.2	0.4	0.4

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	21.9	12.2	0.4	0.4
10th Street: Pico - 9th (NB only)						634.8	354.7	11.5	10.5
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	HARBOR SCENIC 30	388223	3737136	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1176	HARBOR SCENIC 31	388233	3737207	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1177	HARBOR SCENIC 32	388240	3737279	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1178	HARBOR SCENIC 33	388243	3737350	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1179	HARBOR SCENIC 34	388244	3737422	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1180	HARBOR SCENIC 35	388243	3737494	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1181	HARBOR SCENIC 36	388241	3737566	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1182	HARBOR SCENIC 37	388241	3737638	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1183	HARBOR SCENIC 38	388242	3737710	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1184	HARBOR SCENIC 39	388243	3737782	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1185	HARBOR SCENIC 40	388244	3737854	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1186	HARBOR SCENIC 41	388245	3737926	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1187	HARBOR SCENIC 42	388245	3737998	36	139.3	108.6	3.0	2.8
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)						1,810.7	1,411.5	39.1	36.0
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1142	I-710 43	388185	3738527	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1143	I-710 44	388189	3738465	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1144	I-710 45	388190	3738403	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1145	I-710 46	388208	3738342	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	I-710 47	388220	3738282	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1614	I-710 48	388230	3738221	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1615	I-710 49	388240	3738160	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1616	I-710 50	388245	3738099	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1617	I-710 51	388245	3738038	31	269.8	210.3	5.8	5.4
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)						2,428.2	1,892.9	52.4	48.2
I-710 : n/o Anaheim SB On Ramp (SB)	1100	I-710 1	388241	3741119	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1101	I-710 2	388241	3741057	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1102	I-710 3	388244	3740995	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1103	I-710 4	388250	3740934	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1104	I-710 5	388256	3740872	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1105	I-710 6	388265	3740810	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1106	I-710 7	388274	3740749	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1107	I-710 8	388280	3740687	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1108	I-710 9	388281	3740625	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1109	I-710 10	388280	3740563	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1110	I-710 11	388279	3740501	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1111	I-710 12	388278	3740440	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1112	I-710 13	388277	3740378	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1113	I-710 14	388276	3740316	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1114	I-710 15	388276	3740254	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1115	I-710 16	388275	3740192	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1116	I-710 17	388273	3740130	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1117	I-710 18	388267	3740068	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1118	I-710 19	388258	3740007	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1119	I-710 20	388245	3739946	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1120	I-710 21	388231	3739886	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1121	I-710 22	388217	3739825	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1122	I-710 23	388205	3739764	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1123	I-710 24	388196	3739703	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1124	I-710 25	388188	3739642	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1125	I-710 26	388183	3739580	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1126	I-710 27	388180	3739518	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1127	I-710 28	388180	3739456	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1128	I-710 29	388184	3739394	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1129	I-710 30	388189	3739332	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1130	I-710 31	388194	3739271	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1131	I-710 32	388199	3739209	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1132	I-710 33	388199	3739147	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1133	I-710 34	388200	3739085	31	257.1	200.4	5.6	5.1

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
I-710 : n/o Anaheim SB On Ramp (SB)	1134	I-710 35	388201	3739023	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1135	I-710 36	388200	3738961	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1136	I-710 37	388198	3738899	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1137	I-710 38	388196	3738837	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1138	I-710 39	388194	3738775	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1139	I-710 40	388192	3738713	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1140	I-710 41	388190	3738651	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)	1141	I-710 42	388187	3738589	31	257.1	200.4	5.6	5.1
I-710 : n/o Anaheim SB On Ramp (SB)						10,798.2	8,418.0	233.2	214.6
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	487.7	272.5	8.8	8.1
Pico Ave: Pier B St - Pier D St						7,803.0	4,359.3	140.8	129.5
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	290.1	162.1	5.2	4.8
Pico Ave: Pier D St - Terminal Entrance						2,030.6	1,134.5	36.6	33.7
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	90.6	50.6	1.6	1.5
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	90.6	50.6	1.6	1.5
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	90.6	50.6	1.6	1.5
Pico Ave: Terminal Entrance - Pier E St						271.9	151.9	4.9	4.5
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	80.1	44.7	1.4	1.3
Pico Ave: Pier E St - Harbor Scenic Connector						640.6	357.9	11.6	10.6
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	231.9	129.5	4.2	3.8
Pico Ave: Harbor Scenic Connector - Harbor Plaza						3,246.0	1,813.5	58.6	53.9
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	337.3	188.4	6.1	5.6

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	337.3	188.4	6.1	5.6
Pier F Ave: Middle Harbor - Harbor Plaza						9,444.5	5,276.4	170.4	156.8
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	425.1	201.5	8.0	7.3
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	425.1	201.5	8.0	7.3
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	425.1	201.5	8.0	7.3
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	425.1	201.5	8.0	7.3
Harbor Plaza: Pier F Ave - Pier G Ave						1,700.2	806.1	31.8	29.3
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	143.4	80.1	2.6	2.4
Harbor Plaza: Pier G Ave - Queens Way Bridge						860.2	480.6	15.5	14.3
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	HARBOR SCENIC 25	388213	3736780	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1171	HARBOR SCENIC 26	388196	3736850	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1172	HARBOR SCENIC 27	388191	3736922	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1173	HARBOR SCENIC 28	388200	3736993	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1174	HARBOR SCENIC 29	388212	3737064	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1175	HARBOR SCENIC 30	388223	3737136	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1176	HARBOR SCENIC 31	388233	3737207	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1177	HARBOR SCENIC 32	388240	3737279	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1178	HARBOR SCENIC 33	388243	3737350	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1179	HARBOR SCENIC 34	388244	3737422	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1180	HARBOR SCENIC 35	388243	3737494	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1181	HARBOR SCENIC 36	388241	3737566	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1182	HARBOR SCENIC 37	388241	3737638	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1183	HARBOR SCENIC 38	388242	3737710	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1184	HARBOR SCENIC 39	388243	3737782	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1185	HARBOR SCENIC 40	388244	3737854	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1186	HARBOR SCENIC 41	388245	3737926	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1187	HARBOR SCENIC 42	388245	3737998	36	152.6	138.3	3.8	3.5
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)						2,746.5	2,489.9	69.2	63.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	HARBOR SCENIC 25	388213	3736780	36	119.4	108.2	3.0	2.8
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1171	HARBOR SCENIC 26	388196	3736850	36	119.4	108.2	3.0	2.8
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1172	HARBOR SCENIC 27	388191	3736922	36	119.4	108.2	3.0	2.8
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1173	HARBOR SCENIC 28	388200	3736993	36	119.4	108.2	3.0	2.8
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1174	HARBOR SCENIC 29	388212	3737064	36	119.4	108.2	3.0	2.8
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)						596.8	541.0	15.0	13.8
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	239.1	216.7	6.0	5.5

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 10	388755	3735890	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 11	388717	3735941	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 12	388665	3735988	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 13	388611	3736036	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 14	388564	3736090	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 15	388516	3736144	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 16	388476	3736204	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 17	388442	3736267	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 18	388416	3736334	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 19	388395	3736403	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 20	388367	3736469	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 21	388328	3736530	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 22	388287	3736588	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 23	388245	3736647	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 24	388213	3736711	36	239.1	216.7	6.0	5.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp						4,063.9	3,684.3	102.4	94.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	184.9	87.7	3.5	3.2
Pier D St: w/o Pico Ave - w/o Pico Ave						6,843.0	3,244.5	128.1	117.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	130.5	72.9	2.4	2.2

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	130.5	72.9	2.4	2.2
Ocean Blvd: Seaside Blvd OnRamp - Bridge						2,348.3	1,311.9	42.4	39.0
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge						3,261.3	1,822.0	58.9	54.1
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	130.5	72.9	2.4	2.2
Ocean Blvd: Bridge - I-710 Offramp						1,174.2	656.0	21.2	19.5
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	36.7	20.5	0.7	0.6
Pier E St Off Ramp : Pico Ave - Ocean Blvd						403.3	225.3	7.3	6.7
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	38.1	21.3	0.7	0.6
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	38.1	21.3	0.7	0.6
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	38.1	21.3	0.7	0.6
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	38.1	21.3	0.7	0.6
Santa Fe: 9th St - Anaheim St						152.3	85.1	2.7	2.5
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	44.5	24.9	0.8	0.7

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	44.5	24.9	0.8	0.7
Santa Fe: n/o Anaheim St - s/o Willow St						712.1	397.8	12.8	11.8
I-710 : n/o 9th Street Onramp (NB)	1100	I-710 1	388241	3741119	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1101	I-710 2	388241	3741057	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1102	I-710 3	388244	3740995	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1103	I-710 4	388250	3740934	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1104	I-710 5	388256	3740872	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1105	I-710 6	388265	3740810	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1106	I-710 7	388274	3740749	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1107	I-710 8	388280	3740687	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1108	I-710 9	388281	3740625	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1109	I-710 10	388280	3740563	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1110	I-710 11	388279	3740501	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1111	I-710 12	388278	3740440	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1112	I-710 13	388277	3740378	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1113	I-710 14	388276	3740316	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1114	I-710 15	388276	3740254	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1115	I-710 16	388275	3740192	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1116	I-710 17	388273	3740130	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1117	I-710 18	388267	3740068	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1118	I-710 19	388258	3740007	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1119	I-710 20	388245	3739946	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1120	I-710 21	388231	3739886	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1121	I-710 22	388217	3739825	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1122	I-710 23	388205	3739764	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1123	I-710 24	388196	3739703	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1124	I-710 25	388188	3739642	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1125	I-710 26	388183	3739580	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1126	I-710 27	388180	3739518	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1127	I-710 28	388180	3739456	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1128	I-710 29	388184	3739394	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1129	I-710 30	388189	3739332	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1130	I-710 31	388194	3739271	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1131	I-710 32	388199	3739209	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1132	I-710 33	388199	3739147	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1133	I-710 34	388200	3739085	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1134	I-710 35	388201	3739023	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1135	I-710 36	388200	3738961	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1136	I-710 37	388198	3738899	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1137	I-710 38	388196	3738837	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1138	I-710 39	388194	3738775	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1139	I-710 40	388192	3738713	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1140	I-710 41	388190	3738651	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1141	I-710 42	388187	3738589	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1142	I-710 43	388185	3738527	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1143	I-710 44	388189	3738465	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1144	I-710 45	388190	3738403	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1145	I-710 46	388208	3738342	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1613	I-710 47	388220	3738282	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1614	I-710 48	388230	3738221	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1615	I-710 49	388240	3738160	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1616	I-710 50	388245	3738099	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)	1617	I-710 51	388245	3738038	31	252.9	229.3	6.4	5.9
I-710 : n/o 9th Street Onramp (NB)						12,899.4	11,694.3	324.9	298.9
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	132.5	62.8	2.5	2.3

Table A.2.1-Alt3A-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline 2010 Annual Scenario

						Emissions (Pounds/Year)			
Roadway Link	ID	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	132.5	62.8	2.5	2.3
Onramp: 9th St - I-710 (NB)						1,192.1	565.2	22.3	20.5
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	132.0	62.6	2.5	2.3
Onramp: 9th St - I-710 (NB BRIDGE)						1,847.9	876.1	34.6	31.8
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	117.2	55.6	2.2	2.0
Offramp: I-710 at 9th Street (SB)						703.1	333.4	13.2	12.1
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	116.0	55.0	2.2	2.0
Offramp: I-710 at 9th Street (SB BRIDGE)						1,043.7	494.8	19.5	18.0

Table A.2.1-Alt3D-1 Year 2010 Mitigated Operational Hourly Emissions - POLB Middle Harbor NEPA Baseline Alternative

	Pounds per Hour				
Source Activity	*TOG*	CO	*NO 2*	PM10	PM2.5
OGV - Harbor Transit - 1 4-5k TEU	21.3	23.4	78.1	6.0	5.6
OGV - Docking - 1 4-5k TEU	9.9	9.0	30.3	2.5	2.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)	2.9	5.5	17.8	1.4	1.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)	0.2	1.6	1.1	0.5	0.5
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen cold-ironed)	0.3	0.5	1.6	0.1	0.1
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)	0.2	1.6	1.1	0.5	0.5
Tugs - Harbor Transit - 2@ 0.72 hrs of ops	2.1	11.0	26.4	1.9	1.8
Tugs - Docking - 2@ 0.25 hrs of ops	0.7	3.8	9.2	0.7	0.6
Haul Line Locomotive - 10 mph - Port to Ocean Blvd	0.3	0.5	0.7	0.1	0.1
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH	0.7	1.2	1.7	0.2	0.2
Locomotives - Rail Yard	1.4	2.8	3.4	0.3	0.3
Rail Yard Equipment	0.1	0.5	0.5	0.04	0.03
Terminal Equipment	8.3	35.9	53.7	4.2	3.9
Trucks - On-Terminal	8.2	14.0	9.8	0.4	0.4
Pier D Entry Road	0.46	0.98	0.37	0.02	0.02
Pier D In Gate	1.03	1.36	0.57	0.03	0.03
Pier D Exit Road	0.13	0.29	0.11	0.01	0.01
Pier D Out Gate	0.60	0.80	0.33	0.02	0.02
Pier F Entry Road	0.10	0.21	0.08	0.00	0.00
Pier F Exit Road	0.35	0.75	0.28	0.02	0.01
Pier F In + Out Gates	1.06	1.41	0.59	0.03	0.03
Total	60	117	238	19	18

Table A.2.1-Alt3D-2 Operational Criteria Pollutant Emission Simulations - POLB Middle Harbor 342-Acre Alternative

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour				
								TOG	CO	NO 2	PM10	PM2.5
OGV - Harbor Transit - 1 4-5k TEU												
	633 - 685	100	10,000	0.04	27	270,000	1.00	0.79	0.87	2.89	0.22	0.21
Subtotals			-	-	27	270,000	-	21.30	23.37	78.13	5.98	5.61
OGV - Docking - 1 4-5k TEU												
	616	300	90,000	1.00	1	90,000	1.00	9.92	9.01	30.25	2.50	2.35
Subtotals			-	-	1	90,000	-	9.92	9.01	30.25	2.50	2.35
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)												
	2021	NA	NA	1	1	NA	NA	2.88	5.46	17.79	1.38	1.30
Subtotals			-	-	1	-	-	2.88	5.46	17.79	1.38	1.30
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)												
	2003	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen cold-ironed)												
	2019	NA	NA	1	1	NA	NA	0.26	0.49	1.60	0.12	0.12
Subtotals			-	-	1	-	-	0.26	0.49	1.60	0.12	0.12
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)												
	2001	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
Tugs - Harbor Transit - 2@ 0.72 hrs of ops												
	3633 -3685	100	10,000	0.04	27	270,000	1.00	0.08	0.41	0.98	0.07	0.07
Subtotals			-	-	27	270,000	-	2.09	10.99	26.43	1.88	1.76
Tugs - Docking - 2@ 0.25 hrs of ops												
	3,616	300	90,000	1.00	1	90,000	1.00	0.73	3.82	9.18	0.65	0.61
Subtotals			-	-	1	90,000	-	0.73	3.82	9.18	0.65	0.61
Haul Line Locomotive - 10 mph - Port to Ocean Blvd												
	916 - 941	15	225	0.04	26	5,850	1.00	0.01	0.02	0.03	0.00	0.00
Subtotals			-	-	26	5,850	-	0.30	0.52	0.74	0.08	0.08
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH												
	762 - 915	15	225	0.01	154	34,650	1.00	0.00	0.01	0.01	0.00	0.00
Subtotals			-	-	154	34,650	-	0.68	1.18	1.67	0.18	0.18
Locomotives - Rail Yard												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.10	0.12	0.01	0.01
Subtotals			-	-	29	18,125	-	1.40	2.82	3.43	0.35	0.35
Rail Yard Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.00	0.02	0.02	0.00	0.00
Subtotals			-	-	29	18,125	-	0.11	0.47	0.53	0.04	0.03
Rail Yard - Locomotives + Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.11	0.14	0.01	0.01
Subtotals			-	-	29	18,125	-	1.51	3.29	3.96	0.38	0.38
Terminal Equipment												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.02	0.10	0.16	0.01	0.01
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.05	0.24	0.35	0.03	0.03
	1714	85	7,225	0.008	1	7,225	0.01	0.07	0.30	0.45	0.04	0.03
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.10	0.42	0.63	0.05	0.05
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.15	0.65	0.98	0.08	0.07
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.22	0.94	1.41	0.11	0.10
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.30	1.28	1.92	0.15	0.14
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.39	1.68	2.51	0.20	0.18
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.87	3.77	5.65	0.45	0.41
	1737	400	160,000	0.187	1	160,000	0.19	1.55	6.71	10.04	0.79	0.73
Subtotals			-	-	38	855,975	1.00					
Trucks - On-Terminal												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.02	0.04	0.03	0.00	0.00
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.05	0.09	0.06	0.00	0.00
	1714	85	7,225	0.008	1	7,225	0.01	0.07	0.12	0.08	0.00	0.00
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.10	0.16	0.11	0.01	0.00
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.15	0.26	0.18	0.01	0.01
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.22	0.37	0.26	0.01	0.01
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.29	0.50	0.35	0.02	0.01
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.38	0.65	0.46	0.02	0.02
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.86	1.47	1.03	0.05	0.04
	1737	400	160,000	0.187	1	160,000	0.19	1.54	2.62	1.83	0.08	0.08
Subtotals			-	-	38	855,975	1.00					

Table A.2.1-Alt3D-2 Operational Criteria Pollutant Emission Simulations - POLB Middle Harbor 342-Acre Alternative

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour				
								TOG	CO	NO_2	PM_{10}	$PM_{2.5}$
Terminal - Equipment + Trucks												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.05	0.15	0.19	0.01	0.01
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.11	0.33	0.42	0.03	0.03
	1714	85	7,225	0.008	1	7,225	0.01	0.14	0.42	0.54	0.04	0.04
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.19	0.58	0.74	0.05	0.05
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.30	0.91	1.16	0.09	0.08
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.43	1.31	1.67	0.12	0.11
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.59	1.78	2.27	0.17	0.15
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.77	2.33	2.97	0.22	0.20
	1735-1736	300	90,000	0.105	2	180,000	0.21	1.73	5.24	6.68	0.49	0.45
	1737	400	160,000	0.187	1	160,000	0.19	3.08	9.32	11.88	0.87	0.80
Subtotals			-	-	38	855,975	1.00					
Pier D Entry Road												
	1636-1640	50	2,500	0.20	5	12,500	1.00	0.091	0.197	0.073	0.004	0.004
Subtotals			-	-	5	12,500	1.00	0.46	0.98	0.37	0.02	0.02
Pier D In Gate												
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	0.21	0.27	0.11	0.01	0.01
Subtotals			-	-	5	12,500	1.00	1.03	1.36	0.57	0.03	0.03
Pier D Exit Road												
	40,48	50	2,500	0.50	2	5,000	1.00	0.07	0.14	0.05	0.00	0.00
Subtotals			-	-	2	5,000	1.00	0.13	0.29	0.11	0.01	0.01
Pier D Out Gate												
	4-6	50	2,500	0.33	3	7,500	1.00	0.20	0.27	0.11	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.60	0.80	0.33	0.02	0.02
Pier F Entry Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.03	0.07	0.03	0.00	0.00
Subtotals			-	-	3	7,500	1.00	0.10	0.21	0.08	0.00	0.00
Pier F Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.12	0.25	0.09	0.01	0.00
Subtotals			-	-	3	7,500	1.00	0.35	0.75	0.28	0.02	0.01
Pier F Entry + Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.15	0.32	0.12	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.45	0.96	0.36	0.02	0.02
Pier F In + Out Gates												
	554	100	10,000	1.00	1	10,000	1.00	1.06	1.41	0.59	0.03	0.03
Subtotals			-	-	1	10,000	1.00	1.06	1.41	0.59	0.03	0.03

Table A.2.1-Alt3D-3 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project NEPA Baseline

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of PHT	PHT	Pounds per Hour TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	18	0.06	0.24	0.12	0.01	0.00	0.00	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	18	0.02	0.08	0.03	0.00	0.00	0.00	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	20	0.11	0.44	0.21	0.01	0.01	0.01	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	34	0.04	0.15	0.08	0.00	0.00	0.00	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.09	60	0.04	0.17	0.08	0.00	0.00	0.00	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.05	34	0.04	0.18	0.12	0.01	0.00	0.00	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.04	27	0.05	0.19	0.11	0.01	0.00	0.00	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.15	94	0.12	0.56	0.43	0.02	0.01	0.01	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.33	211	0.16	0.75	0.58	0.03	0.02	0.01	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.31	201	0.73	3.31	2.58	0.13	0.07	0.07	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.49	313	0.57	2.40	1.34	0.06	0.04	0.04	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.28	181	0.15	0.62	0.35	0.02	0.01	0.01	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	57	0.02	0.08	0.05	0.00	0.00	0.00	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.08	50	0.05	0.20	0.11	0.01	0.00	0.00	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.23	145	0.24	1.00	0.56	0.03	0.02	0.02	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.37	238	0.69	2.90	1.62	0.08	0.05	0.05	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.37	238	0.13	0.52	0.25	0.01	0.01	0.01	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.16	101	0.06	0.26	0.15	0.01	0.00	0.00	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.81	46	0.15	98	0.16	0.69	0.62	0.03	0.02	0.02	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.15	94	0.04	0.18	0.17	0.01	0.00	0.00	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.30	191	0.29	1.25	1.13	0.06	0.03	0.03	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.29	185	0.53	2.10	1.00	0.05	0.04	0.04	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.12	79	0.17	0.72	0.40	0.02	0.01	0.01	18
Ocean Blvd: Bridge	1064	0.87	32	0.12	79	0.24	1.00	0.56	0.03	0.02	0.02	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.12	79	0.09	0.36	0.20	0.01	0.01	0.01	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	0.07	43	0.03	0.12	0.07	0.00	0.00	0.00	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.04	27	0.01	0.05	0.03	0.00	0.00	0.00	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.05	31	0.05	0.22	0.12	0.01	0.00	0.00	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.36	230	0.91	3.96	3.59	0.18	0.10	0.09	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.21	133	0.09	0.37	0.17	0.01	0.01	0.01	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.21	133	0.14	0.57	0.27	0.01	0.01	0.01	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.18	117	0.05	0.22	0.10	0.00	0.00	0.00	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.18	117	0.08	0.32	0.15	0.01	0.01	0.01	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.28	182	0.46	0.98	0.37	0.01	0.02	0.02	5
Pier D In Gate	1	0.15	5	0.28	182	1.03	1.36	0.57	0.01	0.03	0.03	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.17	107	0.13	0.29	0.11	0.00	0.01	0.01	2
Pier D Out Gate	4	0.15	5	0.17	107	0.60	0.80	0.33	0.01	0.02	0.02	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.15	96	0.10	0.21	0.08	0.00	0.00	0.00	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.22	138	0.35	0.75	0.28	0.01	0.02	0.01	3
Pier F In + Out Gates	554	0.12	5	0.22	234	1.06	1.41	0.59	0.01	0.03	0.03	1

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	0.0169	0.0712	0.0398	0.0013	0.0012
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	0.0058	0.0246	0.0137	0.0004	0.0004
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	0.0066	0.0278	0.0155	0.0005	0.0005
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	0.0066	0.0278	0.0155	0.0005	0.0005
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	0.0066	0.0278	0.0155	0.0005	0.0005
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	0.0211	0.0890	0.0497	0.0016	0.0015
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	0.0356	0.1497	0.0836	0.0027	0.0025
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	0.0095	0.0400	0.0224	0.0007	0.0007

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	0.0095	0.0400	0.0224	0.0007	0.0007
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	0.0095	0.0400	0.0224	0.0007	0.0007
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1100	I-710 1	388240.9	3741119.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1101	I-710 2	388241.3	3741057.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1102	I-710 3	388244	3740995.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1103	I-710 4	388250	3740933.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1104	I-710 5	388256.5	3740871.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1105	I-710 6	388265.1	3740810.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1106	I-710 7	388273.8	3740749.1	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1107	I-710 8	388279.7	3740687.4	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1108	I-710 9	388281.4	3740625.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1109	I-710 10	388280.4	3740563.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1110	I-710 11	388279.4	3740501.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1111	I-710 12	388278.5	3740439.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1112	I-710 13	388277.5	3740377.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1113	I-710 14	388276.5	3740315.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1114	I-710 15	388275.5	3740253.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1115	I-710 16	388274.5	3740191.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1116	I-710 17	388273.4	3740129.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1117	I-710 18	388267.3	3740067.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1118	I-710 19	388258.3	3740006.6	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1119	I-710 20	388244.6	3739946.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1120	I-710 21	388230.8	3739885.7	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1121	I-710 22	388217	3739825.3	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1122	I-710 23	388204.9	3739764.5	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1123	I-710 24	388195.6	3739703.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1124	I-710 25	388188	3739641.7	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1125	I-710 26	388183.3	3739579.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1126	I-710 27	388180.1	3739518	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1127	I-710 28	388179.5	3739456	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1128	I-710 29	388183.7	3739394.2	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1129	I-710 30	388188.8	3739332.4	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1130	I-710 31	388194.2	3739270.6	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1131	I-710 32	388199.5	3739208.8	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1132	I-710 33	388199.4	3739146.8	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1133	I-710 34	388199.9	3739084.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1134	I-710 35	388200.9	3739022.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1135	I-710 36	388199.5	3738960.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1136	I-710 37	388197.6	3738898.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1137	I-710 38	388195.6	3738836.9	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1138	I-710 39	388193.7	3738775	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1139	I-710 40	388191.7	3738713	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1140	I-710 41	388189.5	3738651.1	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1141	I-710 42	388187.3	3738589.1	31	0.0352	0.1565	0.1319	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1142	I-710 43	388185	3738527.1	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1143	I-710 44	388189	3738465.2	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1144	I-710 45	388190	3738403.2	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1145	I-710 46	388208	3738342	31	0.0361	0.1604	0.1349	0.0037	0.0034

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 10	388755	3735890	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 11	388717	3735941	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 12	388665	3735988	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 13	388611	3736036	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 14	388564	3736090	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 15	388516	3736144	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 16	388476	3736204	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 17	388442	3736267	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 18	388416	3736334	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 19	388395	3736403	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 20	388367	3736469	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 21	388328	3736530	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 22	388287	3736588	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 23	388245	3736647	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 24	388213	3736711	36	0.0168	0.0734	0.0665	0.0018	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1170	HARBOR SCENIC 25	388212.5	3736780.2	36	0.0171	0.0748	0.0679	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1171	HARBOR SCENIC 26	388196.2	3736850.3	36	0.0171	0.0748	0.0679	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1172	HARBOR SCENIC 27	388191.4	3736922.1	36	0.0171	0.0748	0.0679	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1173	HARBOR SCENIC 28	388200.4	3736993.4	36	0.0171	0.0748	0.0679	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1174	HARBOR SCENIC 29	388212.5	3737064.4	36	0.0171	0.0748	0.0679	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1175	HARBOR SCENIC 30	388223.3	3737135.6	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1176	HARBOR SCENIC 31	388233	3737206.9	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1177	HARBOR SCENIC 32	388239.7	3737278.5	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1178	HARBOR SCENIC 33	388242.5	3737350.5	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1179	HARBOR SCENIC 34	388244.2	3737422.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1180	HARBOR SCENIC 35	388242.8	3737494.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1181	HARBOR SCENIC 36	388241.4	3737566.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1182	HARBOR SCENIC 37	388241.1	3737638.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1183	HARBOR SCENIC 38	388241.9	3737710.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1184	HARBOR SCENIC 39	388242.8	3737782.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1185	HARBOR SCENIC 40	388243.7	3737854.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1186	HARBOR SCENIC 41	388244.6	3737926.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1187	HARBOR SCENIC 42	388245.4	3737998.4	36	0.0182	0.0810	0.0680	0.0019	0.0017
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	0.0032	0.0136	0.0076	0.0002	0.0002
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	0.0073	0.0289	0.0137	0.0005	0.0005
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	0.0025	0.0112	0.0074	0.0002	0.0002
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	0.0143	0.0568	0.0269	0.0011	0.0010

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	0.0143	0.0568	0.0269	0.0011	0.0010
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	0.0143	0.0568	0.0269	0.0011	0.0010
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	0.0016	0.0067	0.0038	0.0001	0.0001
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	0.0091	0.0360	0.0171	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	0.0090	0.0356	0.0169	0.0007	0.0006
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	0.0090	0.0356	0.0169	0.0007	0.0006
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	0.0103	0.0407	0.0193	0.0008	0.0007

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	0.0103	0.0407	0.0193	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	0.0102	0.0405	0.0192	0.0008	0.0007
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	0.0102	0.0405	0.0192	0.0008	0.0007
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	0.0246	0.1035	0.0578	0.0019	0.0017
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	0.0246	0.1035	0.0578	0.0019	0.0017
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	0.0329	0.1305	0.0619	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	0.0329	0.1305	0.0619	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	0.0329	0.1305	0.0619	0.0024	0.0022
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	0.0329	0.1305	0.0619	0.0024	0.0022
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	0.0105	0.0440	0.0246	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	0.0105	0.0440	0.0246	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	0.0105	0.0440	0.0246	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	0.0105	0.0440	0.0246	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	0.0105	0.0440	0.0246	0.0008	0.0007
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	0.0105	0.0440	0.0246	0.0008	0.0007
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	0.0028	0.0117	0.0065	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	0.0028	0.0117	0.0065	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	0.0028	0.0117	0.0065	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	0.0028	0.0117	0.0065	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	0.0032	0.0137	0.0076	0.0002	0.0002

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	0.0032	0.0137	0.0076	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	0.0032	0.0137	0.0076	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	0.0024	0.0094	0.0044	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	0.0024	0.0094	0.0044	0.0002	0.0002
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	0.0035	0.0120	0.0048	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	0.0027	0.0107	0.0051	0.0002	0.0002

Table A.2.1-Alt3D-4 Year 2010 Hourly Roadway Link Emissions - POLB Middle Harbor Project Alternative 3.

						Emissions (Pounds/Hour)				
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	0.0027	0.0107	0.0051	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	0.0027	0.0107	0.0051	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	0.0025	0.0112	0.0074	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	0.0025	0.0112	0.0074	0.0002	0.0002
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	0.0356	0.1497	0.0836	0.0027	0.0025
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	0.0016	0.0067	0.0038	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	0.0016	0.0067	0.0038	0.0001	0.0001
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1613	I-710 47	388220	3738282	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1614	I-710 48	388230	3738221	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1615	I-710 49	388240	3738160	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1616	I-710 50	388245	3738099	31	0.0361	0.1604	0.1349	0.0037	0.0034
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1617	I-710 51	388245	3738038	31	0.0361	0.1604	0.1349	0.0037	0.0034
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	0.0356	0.1497	0.0836	0.0027	0.0025
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	0.0027	0.0113	0.0063	0.0002	0.0002
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	0.0027	0.0113	0.0063	0.0002	0.0002

Alternative 4 (Annual and Daily)

Annual

Table A.2.1 Alt 4A-1. Operational Annual Modeling Emissions - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4A-2. Annual Operational Criteria Pollutant Emission Simulations - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4A-3. Annual Roadway Emissions - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4.

Daily

Table A.2.1 Alt 4D-1. Operational Hourly/Daily Scenario Emissions - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4D-2. Operational Criteria Pollutant Emission Simulations - Hourly/Daily Scenario - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4D-3. Roadway Link Emissions - POLB MHTP - Alternative 4.
Table A.2.1 Alt 4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4.

Table A.2.1-Alt4A-1. Operational Annual Modeling Emissions - POLB MHTP - Unmitigated Alternative 4

Source Activity	Annual Average Pounds per Hour (1)			
	CO	NO2	PM10	PM2.5
OGVs - Fairway Transit		45.71		
OGVs - Precautionary Area Transit		13.89		
OGVs - Harbor Transit		5.52		
OGVs - Docking		2.02		
OGVs - Hoteling Aux. Gens. - Berth E24 - (no cold-iron)		4.64		
OGVs - Hoteling Boilers - Berth E24		1.68		
OGVs - Hoteling Aux. Gens. - Berth E26 (no cold-iron)		4.64		
OGVs - Hoteling Boilers - Berth E26		1.68		
OGVs - Hoteling Aux. Gens. - Berth F6 (no cold-iron)		4.64		
OGVs - Hoteling Boilers - Berth F6		1.68		
Tugs - Harbor Transit		0.94		
Tugs - Docking		0.31		
Haul Line Locomotive - 10 mph - Port to Ocean Blvd		0.024		
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH		0.055		
Locomotives - Rail Yard		0.20		
Rail Yard Equipment		0.38		
Terminal Equipment		6.22		
Trucks - On-Terminal		4.89		
Pier D Entry Road		0.15		
Pier D In Gate		0.23		
Pier D Exit Road		0.04		
Pier D Out Gate		0.14		
Pier F Entry Road		0.05		
Pier F Exit Road		0.17		
Pier F In + Out Gates		0.36		

Note: (1) annual emissions divided by 8760 hours.

(2) Used the following NOx to NO2 SCAQMD convertion factors: (a) OGV fairway and precautionary area, 5000m or 100%,

(b) OGV and tug harbor transit and docking, 1000m or 46.7%, (c) all other sources, 500m or 25.8%.

Table A.2.1-Alt4A-2. Annual Operational Criteria Pollutant Emission Simulations - POLB MHTP - Unmitigated Alternative 4

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour			
								CO	NO2	PM10	PM2.5
OGVs - Fairway Transit											
	719-761	300	90,000	0.02	43	3,870,000	1.00		1.06		
Subtotals			-	-	43	3,870,000	-		45.71		
OGVs - Precautionary Area Transit											
	686-718	300	90,000	0.03	33	2,970,000	1.00	-	0.42	-	-
Subtotals			-	-	33	2,970,000	-	-	13.89	-	-
OGVs - Harbor Transit											
	633 - 685	100	10,000	0.04	27	270,000	1.00	-	0.20	-	-
Subtotals			-	-	27	270,000	-	-	5.52	-	-
OGVs - Docking											
	616	300	90,000	1.00	1	90,000	1.00	-	2.02	-	-
Subtotals			-	-	1	90,000	-	-	2.02	-	-
OGVs - Hoteling Aux. Gens. - Berth E24 - (no cold-iron)											
	2020	NA	NA	0.50	2	NA	NA	-	2.32	-	-
Subtotals			-	-	2	-	-	-	4.64	-	-
OGVs - Hoteling Boilers - Berth E24											
	2002	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
OGVs - Hoteling Aux. Gens. - Berth E26 (no cold-iron)											
	2019	NA	NA	0.50	2	NA	NA	-	2.32	-	-
Subtotals			-	-	2	-	-	-	4.64	-	-
OGVs - Hoteling Boilers - Berth E26											
	2001	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
OGVs - Hoteling Aux. Gens. - Berth F6 (no cold-iron)											
	2021	NA	NA	0.50	2	NA	NA	-	2.32	-	-
Subtotals			-	-	2	-	-	-	4.64	-	-
OGVs - Hoteling Boilers - Berth F6											
	2003	NA	NA	0.50	2	NA	NA	-	0.84	-	-
Subtotals			-	-	2	-	-	-	1.68	-	-
Tugs - Harbor Transit											
	3633 -3685	100	10,000	0.04	27	270,000	1.00	-	0.03	-	-
Subtotals			-	-	27	270,000	-	-	0.94	-	-
Tugs - Docking											
	3,616	300	90,000	1.00	1	90,000	1.00	-	0.31	-	-
Subtotals			-	-	1	90,000	-	-	0.31	-	-
Haul Line Locomotive - 10 mph - Port to Ocean Blvd											
	916 - 941	15	225	0.04	26	5,850	1.00	-	0.001	-	-
Subtotals			-	-	26	5,850	-	-	0.02	-	-
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH											
	762 - 915	15	225	0.01	154	34,650	1.00	-	0.0004	-	-
Subtotals			-	-	154	34,650	-	-	0.05	-	-
Locomotives - Rail Yard											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.01	-	-
Subtotals			-	-	29	18,125	-	-	0.20	-	-
Rail Yard Equipment											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.01	-	-
Subtotals			-	-	29	18,125	-	-	0.38	-	-
Rail Yard - Locomotives + Equipment											
	255 - 380	25	625	0.03	29	18,125	1.00	-	0.02	-	-
Subtotals			-	-	29	18,125	-	-	0.58	-	-
Terminal Equipment											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.02	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.04	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.05	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.07	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.11	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.16	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.22	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.29	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	0.65	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	1.16	-	-
			-	-	38	855,975	1.00				

Table A.2.1-Alt4A-2. Annual Operational Criteria Pollutant Emission Simulations - POLB MHTP - Unmitigated Alternative 4

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source Pounds per Hour			
								CO	NO2	PM10	PM2.5
Trucks - On-Terminal											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.01	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.03	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.04	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.06	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.09	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.13	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.18	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.23	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	0.51	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	0.91	-	-
			-	-	38	855,975	1.00				
Terminal - Equipment + Trucks											
	1700-1704	50	2,500	0.003	5	12,500	0.01	-	0.03	-	-
	1705-1713	75	5,625	0.007	9	50,625	0.06	-	0.07	-	-
	1714	85	7,225	0.008	1	7,225	0.01	-	0.09	-	-
	1715-1721	100	10,000	0.012	7	70,000	0.08	-	0.13	-	-
	1722-1724	125	15,625	0.018	3	46,875	0.05	-	0.20	-	-
	1725-1727	150	22,500	0.026	3	67,500	0.08	-	0.29	-	-
	1728-1729	175	30,625	0.036	2	61,250	0.07	-	0.40	-	-
	1730-1734	200	40,000	0.047	5	200,000	0.23	-	0.52	-	-
	1735-1736	300	90,000	0.105	2	180,000	0.21	-	1.17	-	-
	1737	400	160,000	0.187	1	160,000	0.19	-	2.08	-	-
			-	-	38	855,975	1.00				
Pier D Entry Road											
	1636-1640	50	2,500	0.20	5	12,500	1.00	-	0.030	-	-
Subtotals			-	-	5	12,500	1.00	-	0.15	-	-
Pier D In Gate											
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	-	0.05	-	-
Subtotals			-	-	5	12,500	1.00	-	0.23	-	-
Pier D Exit Road											
	40,48	50	2,500	0.50	2	5,000	1.00	-	0.02	-	-
Subtotals			-	-	2	5,000	1.00	-	0.04	-	-
Pier D Out Gate											
	4-6	50	2,500	0.33	3	7,500	1.00	-	0.05	-	-
Subtotals			-	-	3	7,500	1.00	-	0.14	-	-
Pier F Entry Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.02	-	-
Subtotals			-	-	3	7,500	1.00	-	0.05	-	-
Pier F Exit Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.06	-	-
Subtotals			-	-	3	7,500	1.00	-	0.17	-	-
Pier F Entry + Exit Road											
	9-11	50	2,500	0.33	3	7,500	1.00	-	0.07	-	-
Subtotals			-	-	3	7,500	1.00	-	0.22	-	-
Pier F In + Out Gates											
	554	100	10,000	1.00	1	10,000	1.00	-	0.36	-	-
Subtotals			-	-	1	10,000	1.00	-	0.36	-	-

Table A.2.1-Alt4A-3. Annual Roadway Emissions - POLB MHTP Alternative 4

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of AnT	Annual Trips	Pounds per Year TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	56,822	211	838	512	17	17	16	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	56,822	83	288	147	5	6	6	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	65,187	387	1,537	939	32	32	29	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	88,597	101	425	307	11	9	9	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.08	150,565	120	476	291	10	10	9	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.04	84,119	110	488	418	15	11	10	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.03	67,783	129	544	392	13	12	11	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.19	362,856	523	2,348	2,381	84	60	56	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.34	660,237	566	2,542	2,578	91	65	60	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.32	620,432	2,488	11,170	11,328	398	288	265	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.41	796,775	1,582	6,658	4,802	165	147	135	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.24	468,233	418	1,759	1,269	44	39	36	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	175,082	67	282	204	7	6	6	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.10	185,755	189	794	573	20	17	16	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.28	552,937	988	4,158	2,999	103	92	84	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.47	922,139	2,918	12,280	8,856	304	270	249	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.47	922,139	557	2,209	1,350	45	45	42	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.20	385,931	262	1,102	795	27	24	22	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.99	46	0.19	374,161	814	3,517	4,161	147	114	105	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.19	362,856	179	772	914	32	25	23	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.38	737,250	1,211	5,231	6,188	218	170	156	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.24	469,867	1,469	5,832	3,563	120	120	110	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.13	255,557	609	2,564	1,849	63	56	52	18
Ocean Blvd: Bridge	1064	0.87	32	0.13	255,557	846	3,561	2,568	88	78	72	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.13	255,557	305	1,282	925	32	28	26	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	-	-	-	-	-	-	-	-	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.03	66,629	30	127	92	3	3	3	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.04	82,205	149	628	453	16	14	13	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.37	713,310	3,087	13,336	15,777	556	432	398	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.17	338,916	257	1,020	623	21	21	19	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.17	338,916	398	1,581	966	33	33	30	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.15	297,381	150	597	365	12	12	11	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.15	297,381	223	886	541	18	18	17	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.24	464,387	1,275	2,746	1,311	32	62	57	5
Pier D In Gate	1	0.15	5	0.24	464,387	2,874	3,802	2,055	28	95	88	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.14	269,210	369	796	380	9	18	17	2
Pier D Out Gate	4	0.15	5	0.14	269,210	1,666	2,204	1,191	16	55	51	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.19	374,471	422	909	434	11	21	19	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.27	528,554	1,451	3,125	1,492	36	71	65	3
Pier F In + Out Gates	554	0.12	5	0.27	903,025	4,471	5,915	3,197	43	148	136	1

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	32.24	19.70	0.66	0.61
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	32.2	19.7	0.7	0.6
Alameda St: Eubank - Anaheim St						838.2	512.1	17.2	15.9
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	41.1	21.0	0.9	0.8
Anaheim St: Alameda - SR-47						287.8	147.2	6.0	5.5
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	37.5	22.9	0.8	0.7

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	37.5	22.9	0.8	0.7
Anaheim St: SR-47 - 9th St						1,537.1	939.1	31.6	29.1
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	38.7	27.9	0.9	0.8
9th Street: Anaheim St - Santa Fe						425.3	306.7	9.4	8.6
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	79.4	48.5	1.6	1.5
9th Street: Santa Fe to 10th						476.2	291.0	9.8	9.0
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	30.5	26.1	0.7	0.7
9th Street: Caspian - Pico (SB only)						488.0	418.2	11.3	10.4
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	18.7	13.5	0.4	0.4

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	18.7	13.5	0.4	0.4
10th Street: Pico - 9th (NB only)						543.7	392.0	12.0	11.0
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	HARBOR SCENIC 3	388223	3737136	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1176	HARBOR SCENIC 3	388233	3737207	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1177	HARBOR SCENIC 3	388240	3737279	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1178	HARBOR SCENIC 3	388243	3737350	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1179	HARBOR SCENIC 3	388244	3737422	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1180	HARBOR SCENIC 3	388243	3737494	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1181	HARBOR SCENIC 3	388241	3737566	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1182	HARBOR SCENIC 3	388241	3737638	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1183	HARBOR SCENIC 3	388242	3737710	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1184	HARBOR SCENIC 3	388243	3737782	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1185	HARBOR SCENIC 4	388244	3737854	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1186	HARBOR SCENIC 4	388245	3737926	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1187	HARBOR SCENIC 4	388245	3737998	36	180.6	183.2	4.7	4.3
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)						2,348.3	2,381.4	60.5	55.6
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1142	I-710 43	388185	3738527	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1143	I-710 44	388189	3738465	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1144	I-710 45	388190	3738403	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1145	I-710 46	388208	3738342	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	I-710 47	388220	3738282	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1614	I-710 48	388230	3738221	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1615	I-710 49	388240	3738160	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1616	I-710 50	388245	3738099	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1617	I-710 51	388245	3738038	31	282.4	286.4	7.3	6.7
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)						2,541.8	2,577.7	65.4	60.2
I-710 : n/o Anaheim SB On Ramp (SB)	1100	I-710 1	388241	3741119	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1101	I-710 2	388241	3741057	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1102	I-710 3	388244	3740995	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1103	I-710 4	388250	3740934	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1104	I-710 5	388256	3740872	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1105	I-710 6	388265	3740810	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1106	I-710 7	388274	3740749	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1107	I-710 8	388280	3740687	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1108	I-710 9	388281	3740625	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1109	I-710 10	388280	3740563	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1110	I-710 11	388279	3740501	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1111	I-710 12	388278	3740440	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1112	I-710 13	388277	3740378	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1113	I-710 14	388276	3740316	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1114	I-710 15	388276	3740254	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1115	I-710 16	388275	3740192	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1116	I-710 17	388273	3740130	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1117	I-710 18	388267	3740068	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1118	I-710 19	388258	3740007	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1119	I-710 20	388245	3739946	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1120	I-710 21	388231	3739886	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1121	I-710 22	388217	3739825	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1122	I-710 23	388205	3739764	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1123	I-710 24	388196	3739703	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1124	I-710 25	388188	3739642	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1125	I-710 26	388183	3739580	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1126	I-710 27	388180	3739518	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1127	I-710 28	388180	3739456	31	266.0	269.7	6.8	6.3

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
I-710 : n/o Anaheim SB On Ramp (SB)	1128	I-710 29	388184	3739394	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1129	I-710 30	388189	3739332	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1130	I-710 31	388194	3739271	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1131	I-710 32	388199	3739209	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1132	I-710 33	388199	3739147	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1133	I-710 34	388200	3739085	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1134	I-710 35	388201	3739023	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1135	I-710 36	388200	3738961	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1136	I-710 37	388198	3738899	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1137	I-710 38	388196	3738837	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1138	I-710 39	388194	3738775	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1139	I-710 40	388192	3738713	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1140	I-710 41	388190	3738651	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)	1141	I-710 42	388187	3738589	31	266.0	269.7	6.8	6.3
I-710 : n/o Anaheim SB On Ramp (SB)						11,170.2	11,327.9	287.5	264.5
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	416.2	300.1	9.2	8.4
Pico Ave: Pier B St - Pier D St						6,658.5	4,801.6	146.5	134.8
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	251.3	181.3	5.5	5.1
Pico Ave: Pier D St - Terminal Entrance						1,759.4	1,268.8	38.7	35.6
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	94.1	67.9	2.1	1.9
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	94.1	67.9	2.1	1.9
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	94.1	67.9	2.1	1.9
Pico Ave: Terminal Entrance - Pier E St						282.3	203.6	6.2	5.7
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	99.3	71.6	2.2	2.0
Pico Ave: Pier E St - Harbor Scenic Connector						794.1	572.6	17.5	16.1
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	297.0	214.2	6.5	6.0

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	297.0	214.2	6.5	6.0
Pico Ave: Harbor Scenic Connector - Harbor Plaza						4,158.1	2,998.5	91.5	84.2
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	438.6	316.3	9.7	8.9
Pier F Ave: Middle Harbor - Harbor Plaza						12,280.2	8,855.5	270.3	248.6
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	552.2	337.4	11.4	10.5
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	552.2	337.4	11.4	10.5
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	552.2	337.4	11.4	10.5
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	552.2	337.4	11.4	10.5
Harbor Plaza: Pier F Ave - Pier G Ave						2,209.0	1,349.6	45.4	41.8
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	183.6	132.4	4.0	3.7
Harbor Plaza: Pier G Ave - Queens Way Bridge						1,101.8	794.6	24.2	22.3
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	HARBOR SCENIC 2	388213	3736780	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1171	HARBOR SCENIC 2	388196	3736850	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1172	HARBOR SCENIC 2	388191	3736922	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1173	HARBOR SCENIC 2	388200	3736993	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1174	HARBOR SCENIC 2	388212	3737064	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1175	HARBOR SCENIC 3	388223	3737136	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1176	HARBOR SCENIC 3	388233	3737207	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1177	HARBOR SCENIC 3	388240	3737279	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1178	HARBOR SCENIC 3	388243	3737350	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1179	HARBOR SCENIC 3	388244	3737422	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1180	HARBOR SCENIC 3	388243	3737494	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1181	HARBOR SCENIC 3	388241	3737566	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1182	HARBOR SCENIC 3	388241	3737638	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1183	HARBOR SCENIC 3	388242	3737710	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1184	HARBOR SCENIC 3	388243	3737782	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1185	HARBOR SCENIC 4	388244	3737854	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1186	HARBOR SCENIC 4	388245	3737926	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1187	HARBOR SCENIC 4	388245	3737998	36	195.4	231.2	6.3	5.8
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)						3,517.0	4,161.0	114.0	104.9

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	HARBOR SCENIC 2	388213	3736780	36	154.4	182.7	5.0	4.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1171	HARBOR SCENIC 2	388196	3736850	36	154.4	182.7	5.0	4.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1172	HARBOR SCENIC 2	388191	3736922	36	154.4	182.7	5.0	4.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1173	HARBOR SCENIC 2	388200	3736993	36	154.4	182.7	5.0	4.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1174	HARBOR SCENIC 2	388212	3737064	36	154.4	182.7	5.0	4.6
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)						772.2	913.5	25.0	23.0
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 1	388755	3735890	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 1	388717	3735941	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 1	388665	3735988	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 1	388611	3736036	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 1	388564	3736090	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 1	388516	3736144	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 1	388476	3736204	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 1	388442	3736267	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 1	388416	3736334	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 1	388395	3736403	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 2	388367	3736469	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 2	388328	3736530	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 2	388287	3736588	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 2	388245	3736647	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 2	388213	3736711	36	307.7	364.0	10.0	9.2
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp						5,230.5	6,188.2	169.5	155.9
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	157.6	96.3	3.2	3.0
Pier D St: w/o Pico Ave - w/o Pico Ave						5,832.0	3,563.0	120.0	110.4
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	142.5	102.7	3.1	2.9

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	142.5	102.7	3.1	2.9
Ocean Blvd: Seaside Blvd OnRamp - Bridge						2,564.3	1,849.2	56.4	51.9
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge						3,561.3	2,568.1	78.4	72.1
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	142.5	102.7	3.1	2.9
Ocean Blvd: Bridge - I-710 Offramp						1,282.2	924.6	28.2	26.0
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	-	-	-	-
Pier E St Off Ramp : Pico Ave - Ocean Blvd						-	-	-	-

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	31.8	23.0	0.7	0.6
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	31.8	23.0	0.7	0.6
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	31.8	23.0	0.7	0.6
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	31.8	23.0	0.7	0.6
Santa Fe: 9th St - Anaheim St						127.4	91.8	2.8	2.6
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	39.3	28.3	0.9	0.8
Santa Fe: n/o Anaheim St - s/o Willow St						628.5	453.2	13.8	12.7
I-710 : n/o 9th Street Onramp (NB)	1100	I-710 1	388241	3741119	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1101	I-710 2	388241	3741057	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1102	I-710 3	388244	3740995	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1103	I-710 4	388250	3740934	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1104	I-710 5	388256	3740872	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1105	I-710 6	388265	3740810	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1106	I-710 7	388274	3740749	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1107	I-710 8	388280	3740687	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1108	I-710 9	388281	3740625	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1109	I-710 10	388280	3740563	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1110	I-710 11	388279	3740501	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1111	I-710 12	388278	3740440	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1112	I-710 13	388277	3740378	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1113	I-710 14	388276	3740316	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1114	I-710 15	388276	3740254	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1115	I-710 16	388275	3740192	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1116	I-710 17	388273	3740130	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1117	I-710 18	388267	3740068	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1118	I-710 19	388258	3740007	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1119	I-710 20	388245	3739946	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1120	I-710 21	388231	3739886	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1121	I-710 22	388217	3739825	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1122	I-710 23	388205	3739764	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1123	I-710 24	388196	3739703	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1124	I-710 25	388188	3739642	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1125	I-710 26	388183	3739580	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1126	I-710 27	388180	3739518	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1127	I-710 28	388180	3739456	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1128	I-710 29	388184	3739394	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1129	I-710 30	388189	3739332	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1130	I-710 31	388194	3739271	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1131	I-710 32	388199	3739209	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1132	I-710 33	388199	3739147	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1133	I-710 34	388200	3739085	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1134	I-710 35	388201	3739023	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1135	I-710 36	388200	3738961	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1136	I-710 37	388198	3738899	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1137	I-710 38	388196	3738837	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1138	I-710 39	388194	3738775	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1139	I-710 40	388192	3738713	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1140	I-710 41	388190	3738651	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1141	I-710 42	388187	3738589	31	261.5	309.4	8.5	7.8

Table A.2.1-Alt4A-4. Hourly Roadway Link Emissions - Annual Modeling Scenario - Unmitigated Alternative 4

						Emissions (Pounds/Year)			
Roadway Link	BEEST	BEEST Name	UTM X	UTM Y	Width (m)	CO	NO2	PM10	PM2.5
I-710 : n/o 9th Street Onramp (NB)	1142	I-710 43	388185	3738527	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1143	I-710 44	388189	3738465	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1144	I-710 45	388190	3738403	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1145	I-710 46	388208	3738342	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1613	I-710 47	388220	3738282	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1614	I-710 48	388230	3738221	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1615	I-710 49	388240	3738160	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1616	I-710 50	388245	3738099	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)	1617	I-710 51	388245	3738038	31	261.5	309.4	8.5	7.8
I-710 : n/o 9th Street Onramp (NB)						13,335.6	15,777.3	432.2	397.6
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	113.3	69.2	2.3	2.1
Onramp: 9th St - I-710 (NB)						1,020.1	623.2	21.0	19.3
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	112.9	69.0	2.3	2.1
Onramp: 9th St - I-710 (NB BRIDGE)						1,581.2	966.0	32.5	29.9
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	99.5	60.8	2.0	1.9
Offramp: I-710 at 9th Street (SB)						596.7	364.6	12.3	11.3
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	98.4	60.1	2.0	1.9
Offramp: I-710 at 9th Street (SB BRIDGE)						885.8	541.2	18.2	16.8

Table A.2.1-Alt4D-1. Operational Hourly/Daily Scenario Modeling Emissions - POLB MHTP -Alternative 4

	Pounds per Hour				
Source Activity	*TOG*	CO	*NO 2*	PM_{10}	$PM_{2.5}$
OGV - Harbor Transit - 1 4-5k TEU	21.3	23.4	78.1	6.0	5.6
OGV - Docking - 1 4-5k TEU	9.9	9.0	30.3	2.5	2.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)	2.9	5.5	17.8	1.4	1.3
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)	0.2	1.6	1.1	0.5	0.5
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen no cold-iron)	2.6	4.9	16.0	1.2	1.2
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)	0.2	1.6	1.1	0.5	0.5
Tugs - Harbor Transit - 2@ 0.72 hrs of ops	2.1	11.0	26.4	1.9	1.8
Tugs - Docking - 2@ 0.25 hrs of ops	0.7	3.8	9.2	0.7	0.6
Haul Line Locomotive - 10 mph - Port to Ocean Blvd	0.3	0.5	0.7	0.1	0.1
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH	0.7	1.2	1.7	0.2	0.2
Locomotives - Rail Yard	1.4	2.8	3.4	0.3	0.3
Rail Yard Equipment	0.2	1.0	0.9	0.11	0.10
Terminal Equipment	8.7	50.5	54.1	6.4	5.9
Trucks - On-Terminal	8.7	14.1	13.2	0.5	0.5
Pier D Entry Road	0.34	0.73	0.35	0.02	0.02
Pier D In Gate	0.77	1.01	0.55	0.03	0.02
Pier D Exit Road	0.10	0.21	0.10	0.00	0.00
Pier D Out Gate	0.44	0.59	0.32	0.01	0.01
Pier F Entry Road	0.11	0.24	0.12	0.01	0.01
Pier F Exit Road	0.39	0.83	0.40	0.02	0.02
Pier F In + Out Gates	1.19	1.58	0.85	0.04	0.04
Total	63	136	257	22	21

Table A.2.1-Alt4D-2. Operational Criteria Pollutant Emission Simulations - Hourly/Daily Scenario- POLB MHTP -Alternative 4

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO 2	PM10	PM2.5
OGV - Harbor Transit - 1 4-5k TEU												
	633 - 685	100	10,000	0.04	27	270,000	1.00	0.79	0.87	2.89	0.22	0.21
Subtotals			-	-	27	270,000	-	21.30	23.37	78.13	5.98	5.61
OGV - Docking - 1 4-5k TEU												
	616	300	90,000	1.00	1	90,000	1.00	9.92	9.01	30.25	2.50	2.35
Subtotals			-	-	1	90,000	-	9.92	9.01	30.25	2.50	2.35
OGV - Hoteling - 1 8-10k TEU - Berth F6 (aux gen no cold-iron)												
	2021	NA	NA	1	1	NA	NA	2.88	5.46	17.79	1.38	1.30
Subtotals			-	-	1	-	-	2.88	5.46	17.79	1.38	1.30
OGV - Hoteling - 1 8-10k TEU - Berth F6 (boiler)												
	2003	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
OGV - Hoteling - 1 6-7k TEU - Berth E26 (aux gen no cold-iron)												
	2019	NA	NA	1	1	NA	NA	2.59	4.91	16.01	1.25	1.17
Subtotals			-	-	1	-	-	2.59	4.91	16.01	1.25	1.17
OGV - Hoteling - 1 6-7k TEU - Berth E26 (boiler)												
	2001	NA	NA	1	1	NA	NA	0.18	1.57	1.08	0.51	0.50
Subtotals			-	-	1	-	-	0.18	1.57	1.08	0.51	0.50
Tugs - Harbor Transit - 2@ 0.72 hrs of ops												
	3633 -3685	100	10,000	0.04	27	270,000	1.00	0.08	0.41	0.98	0.07	0.07
Subtotals			-	-	27	270,000	-	2.09	10.99	26.43	1.88	1.76
Tugs - Docking - 2@ 0.25 hrs of ops												
	3,616	300	90,000	1.00	1	90,000	1.00	0.73	3.82	9.18	0.65	0.61
Subtotals			-	-	1	90,000	-	0.73	3.82	9.18	0.65	0.61
Haul Line Locomotive - 10 mph - Port to Ocean Blvd												
	916 - 941	15	225	0.04	26	5,850	1.00	0.01	0.02	0.03	0.00	0.00
Subtotals			-	-	26	5,850	-	0.30	0.52	0.74	0.08	0.08
Haul Line Locomotive - 20 mph - Ocean Blvd to PCH												
	762 - 915	15	225	0.01	154	34,650	1.00	0.00	0.01	0.01	0.00	0.00
Subtotals			-	-	154	34,650	-	0.68	1.18	1.67	0.18	0.18
Locomotives - Rail Yard												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.10	0.12	0.01	0.01
Subtotals			-	-	29	18,125	-	1.40	2.82	3.43	0.35	0.35
Rail Yard Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.01	0.03	0.03	0.00	0.00
Subtotals			-	-	29	18,125	-	0.19	0.96	0.88	0.11	0.10
Rail Yard - Locomotives + Equipment												
	255 - 380	25	625	0.03	29	18,125	1.00	0.05	0.13	0.15	0.02	0.02
Subtotals			-	-	29	18,125	-	1.59	3.77	4.31	0.45	0.45
Terminal Equipment												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.03	0.15	0.16	0.02	0.02
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.06	0.33	0.36	0.04	0.04
	1714	85	7,225	0.008	1	7,225	0.01	0.07	0.43	0.46	0.05	0.05
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.10	0.59	0.63	0.07	0.07
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.16	0.92	0.99	0.12	0.11
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.23	1.33	1.42	0.17	0.15
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.31	1.81	1.94	0.23	0.21
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.41	2.36	2.53	0.30	0.28
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.92	5.31	5.69	0.67	0.62
	1737	400	160,000	0.187	1	160,000	0.19	1.63	9.45	10.11	1.20	1.10
Subtotals			-	-	38	855,975	1.00					
Trucks - On-Terminal												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.03	0.04	0.04	0.00	0.00
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.06	0.09	0.09	0.00	0.00
	1714	85	7,225	0.008	1	7,225	0.01	0.07	0.12	0.11	0.00	0.00
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.10	0.17	0.15	0.01	0.01
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.16	0.26	0.24	0.01	0.01
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.23	0.37	0.35	0.01	0.01
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.31	0.51	0.47	0.02	0.02
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.41	0.66	0.61	0.02	0.02
	1735-1736	300	90,000	0.105	2	180,000	0.21	0.91	1.49	1.38	0.05	0.05
	1737	400	160,000	0.187	1	160,000	0.19	1.62	2.64	2.46	0.10	0.09
Subtotals			-	-	38	855,975	1.00					

Table A.2.1-Alt4D-2. Operational Criteria Pollutant Emission Simulations - Hourly/Daily Scenario- POLB MHTP -Alternative 4

Activity/Source ID	Source Number(s)	Width (meters)	Area (m2)	Source Area/ Total Source Area	# of Sources	Total Source Area (m2)	Combined Sources Area/ Total Source Area	Volume Source lb/hr TOG	CO	NO 2	PM10	PM2.5
Terminal - Equipment + Trucks												
	1700-1704	50	2,500	0.003	5	12,500	0.01	0.05	0.19	0.20	0.02	0.02
	1705-1713	75	5,625	0.007	9	50,625	0.06	0.11	0.43	0.44	0.05	0.04
	1714	85	7,225	0.008	1	7,225	0.01	0.15	0.55	0.57	0.06	0.05
	1715-1721	100	10,000	0.012	7	70,000	0.08	0.20	0.76	0.79	0.08	0.07
	1722-1724	125	15,625	0.018	3	46,875	0.05	0.32	1.18	1.23	0.13	0.12
	1725-1727	150	22,500	0.026	3	67,500	0.08	0.46	1.70	1.77	0.18	0.17
	1728-1729	175	30,625	0.036	2	61,250	0.07	0.62	2.31	2.41	0.25	0.23
	1730-1734	200	40,000	0.047	5	200,000	0.23	0.81	3.02	3.14	0.32	0.30
	1735-1736	300	90,000	0.105	2	180,000	0.21	1.83	6.80	7.07	0.73	0.67
	1737	400	160,000	0.187	1	160,000	0.19	3.26	12.09	12.57	1.29	1.19
Subtotals			-	-	38	855,975	1.00					
Pier D Entry Road												
	1636-1640	50	2,500	0.20	5	12,500	1.00	0.068	0.146	0.070	0.003	0.003
Subtotals			-	-	5	12,500	1.00	0.34	0.73	0.35	0.02	0.02
Pier D In Gate												
	1-3, 31,32	50	2,500	0.20	5	12,500	1.00	0.15	0.20	0.11	0.01	0.00
Subtotals			-	-	5	12,500	1.00	0.77	1.01	0.55	0.03	0.02
Pier D Exit Road												
	40,48	50	2,500	0.50	2	5,000	1.00	0.05	0.11	0.05	0.00	0.00
Subtotals			-	-	2	5,000	1.00	0.10	0.21	0.10	0.00	0.00
Pier D Out Gate												
	4-6	50	2,500	0.33	3	7,500	1.00	0.15	0.20	0.11	0.00	0.00
Subtotals			-	-	3	7,500	1.00	0.44	0.59	0.32	0.01	0.01
Pier F Entry Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.04	0.08	0.04	0.00	0.00
Subtotals			-	-	3	7,500	1.00	0.11	0.24	0.12	0.01	0.01
Pier F Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.13	0.28	0.13	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.39	0.83	0.40	0.02	0.02
Pier F Entry + Exit Road												
	9-11	50	2,500	0.33	3	7,500	1.00	0.17	0.36	0.17	0.01	0.01
Subtotals			-	-	3	7,500	1.00	0.50	1.07	0.51	0.02	0.02
Pier F In + Out Gates												
	554	100	10,000	1.00	1	10,000	1.00	1.19	1.58	0.85	0.04	0.04
Subtotals			-	-	1	10,000	1.00	1.19	1.58	0.85	0.04	0.04

Table A.2.1-Alt4D-4. Roadway Link Emissions - POLB MHTP - Alternative 4

Roadway Link	BEEST ID Start #	Length (Mi)	MPH	Fraction of PHT	PHT	Pounds per Hour TOG	CO	NO2	SOx	PM10	PM2.5	# of Vol. Sources
Alameda St: Eubank - Anaheim St	1437	0.76	26	0.03	15	0.06	0.22	0.14	0.00	0.00	0.00	26
Anaheim St: Alameda - SR-47	1463	0.21	23	0.03	15	0.02	0.08	0.04	0.00	0.00	0.00	7
Anaheim St: SR-47 - 9th St	1470	1.22	26	0.03	17	0.10	0.41	0.25	0.01	0.01	0.01	41
9th Street: Anaheim St - Santa Fe	1190	0.30	33	0.05	24	0.03	0.11	0.08	0.00	0.00	0.00	11
9th Street: Santa Fe to 10th	1201	0.16	29	0.08	40	0.03	0.13	0.08	0.00	0.00	0.00	6
9th Street: Caspian - Pico (SB only)	1207	0.44	36	0.04	22	0.03	0.13	0.11	0.00	0.00	0.00	16
10th Street: Pico - 9th (NB only)	1271	0.50	30	0.03	18	0.03	0.14	0.10	0.00	0.00	0.00	29
I-710 : Pier B St On Ramp - Connector to Ocean WB (SB)	1175	0.58	41	0.19	97	0.14	0.63	0.63	0.02	0.02	0.01	13
I-710 : Anaheim SB On Ramp - Pico SB Ramps (SB)	1613	0.35	41	0.34	176	0.15	0.68	0.69	0.02	0.02	0.02	9
I-710 : n/o Anaheim SB On Ramp (Southbound)	1100	1.62	43	0.32	165	0.66	2.98	3.02	0.11	0.08	0.07	42
Pico Ave: Pier B St - Pier D St	1034	0.52	31	0.41	212	0.42	1.77	1.28	0.04	0.04	0.04	16
Pico Ave: Pier D St - Terminal Entrance	1027	0.23	30	0.24	125	0.11	0.47	0.34	0.01	0.01	0.01	7
Pico Ave: Terminal Entrance - Pier E St	1024	0.10	32	0.09	47	0.02	0.08	0.05	0.00	0.00	0.00	3
Pico Ave: Pier E St - Harbor Scenic Connector	1016	0.27	31	0.10	49	0.05	0.21	0.15	0.01	0.00	0.00	8
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	0.47	31	0.28	147	0.26	1.11	0.80	0.03	0.02	0.02	14
Pier F Ave: Middle Harbor - Harbor Plaza	1360	0.83	30	0.47	246	0.78	3.27	2.36	0.08	0.07	0.07	28
Harbor Plaza: Pier F Ave - Pier G Ave	1388	0.12	29	0.47	246	0.15	0.59	0.36	0.01	0.01	0.01	4
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	0.18	30	0.20	103	0.07	0.29	0.21	0.01	0.01	0.01	6
Harbor Scenic Dr: Pico Connector - I-710 9th St Onramp (NB)	1170	0.81	46	0.19	100	0.18	0.76	0.90	0.03	0.02	0.02	18
Harbor Scenic Dr: Ocean Connector - Pico Connector (SB)	1170	0.22	47	0.19	97	0.05	0.21	0.24	0.01	0.01	0.01	5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	0.74	47	0.38	196	0.32	1.39	1.65	0.06	0.05	0.04	17
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	0.64	25	0.24	125	0.39	1.55	0.95	0.03	0.03	0.03	37
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	0.63	32	0.13	68	0.16	0.68	0.49	0.02	0.02	0.01	18
Ocean Blvd: Bridge	1064	0.87	32	0.13	68	0.23	0.95	0.68	0.02	0.02	0.02	25
Ocean Blvd: Bridge - I-710 Offramp	1089	0.31	32	0.13	68	0.08	0.34	0.25	0.01	0.01	0.01	9
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	0.20	30	-	-	-	-	-	-	-	-	11
Santa Fe: 9th St - Anaheim St	1417	0.12	30	0.03	18	0.01	0.03	0.02	0.00	0.00	0.00	4
Santa Fe: n/o Anaheim St - s/o Willow St	1421	0.48	30	0.04	22	0.04	0.17	0.12	0.00	0.00	0.00	16
I-710 : n/o 9th Street Onramp (Northbound)	1100	1.96	46	0.37	190	0.82	3.55	4.20	0.15	0.12	0.11	51
Onramp: 9th St - I-710 (Northbound)	1309	0.16	25	0.17	90	0.07	0.27	0.17	0.01	0.01	0.01	9
Onramp: 9th St - I-710 (Northbound BRIDGE)	1318	0.24	25	0.17	90	0.11	0.42	0.26	0.01	0.01	0.01	14
Offramp: I-710 at 9th Street (Southbound)	1294	0.10	25	0.15	79	0.04	0.16	0.10	0.00	0.00	0.00	6
Offramp: I-710 at 9th Street (Southbound BRIDGE)	1300	0.15	25	0.15	79	0.06	0.24	0.14	0.00	0.00	0.00	9
Pier D Entry Road (off Pico)	1636	0.17	15	0.24	124	0.34	0.73	0.35	0.01	0.02	0.02	5
Pier D In Gate	1	0.15	5	0.24	124	0.77	1.01	0.55	0.01	0.03	0.02	5
Pier D Exit Road (off Pier D St)	40	0.09	15	0.14	72	0.10	0.21	0.10	0.00	0.00	0.00	2
Pier D Out Gate	4	0.15	5	0.14	72	0.44	0.59	0.32	0.00	0.01	0.01	3
Pier F Entry Road (off Pier F Ave)	9	0.07	15	0.19	100	0.11	0.24	0.12	0.00	0.01	0.01	3
Pier F Exit Road (off Pier F Ave)	9	0.17	15	0.27	141	0.39	0.83	0.40	0.01	0.02	0.02	3
Pier F In + Out Gates	554	0.12	5	0.27	241	1.19	1.58	0.85	0.01	0.04	0.04	1

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1002	PICO 2	388479	3735798	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1003	PICO 3	388476	3735852	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1004	PICO 4	388476	3735906	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1005	PICO 5	388477	3735960	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1006	PICO 6	388478	3736014	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1007	PICO 7	388476	3736068	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1008	PICO 8	388461	3736119	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1009	PICO 9	388434	3736166	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1010	PICO 10	388403	3736210	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1011	PICO 11	388375	3736256	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1012	PICO 12	388350	3736304	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1013	PICO 13	388328	3736354	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1014	PICO 14	388307	3736403	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Harbor Scenic Connector - Harbor Plaza	1015	PICO 15	388286	3736453	27	0.0188	0.0791	0.0571	0.0017	0.0016
Pico Ave: Pier E St - Harbor Scenic Connector	1016	PICO 16	388261	3736501	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1017	PICO 17	388229	3736544	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1018	PICO 18	388184	3736574	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1019	PICO 19	388134	3736593	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1020	PICO 20	388083	3736610	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1021	PICO 21	388043	3736645	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1022	PICO 22	388019	3736694	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Pier E St - Harbor Scenic Connector	1023	PICO 23	388015	3736747	27	0.0063	0.0264	0.0191	0.0006	0.0005
Pico Ave: Terminal Entrance - Pier E St	1024	PICO 24	388011	3736801	27	0.0060	0.0251	0.0181	0.0006	0.0005
Pico Ave: Terminal Entrance - Pier E St	1025	PICO 25	388006	3736855	27	0.0060	0.0251	0.0181	0.0006	0.0005
Pico Ave: Terminal Entrance - Pier E St	1026	PICO 26	388001	3736908	27	0.0060	0.0251	0.0181	0.0006	0.0005
Pico Ave: Pier D St - Terminal Entrance	1027	PICO 27	387996	3736962	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1028	PICO 28	387993	3737016	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1029	PICO 29	387998	3737070	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1030	PICO 30	388013	3737121	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1031	PICO 31	388038	3737169	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1032	PICO 32	388066	3737215	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier D St - Terminal Entrance	1033	PICO 33	388096	3737260	27	0.0159	0.0670	0.0483	0.0015	0.0014
Pico Ave: Pier B St - Pier D St	1034	PICO 34	388126	3737305	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1035	PICO 35	388152	3737352	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1036	PICO 36	388168	3737404	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1037	PICO 37	388174	3737458	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1038	PICO 38	388175	3737512	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1039	PICO 39	388176	3737566	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1040	PICO 40	388176	3737620	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1041	PICO 41	388174	3737674	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1042	PICO 42	388173	3737728	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1043	PICO 43	388172	3737782	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1044	PICO 44	388172	3737836	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1045	PICO 45	388172	3737890	27	0.0263	0.1109	0.0800	0.0024	0.0022
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1046	OCEAN 1	385307	3736071	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1047	OCEAN 2	385361	3736088	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1048	OCEAN 3	385414	3736105	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1049	OCEAN 4	385468	3736122	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1050	OCEAN 5	385521	3736139	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1051	OCEAN 6	385574	3736155	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1052	OCEAN 7	385627	3736173	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1053	OCEAN 8	385680	3736193	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1054	OCEAN 9	385732	3736213	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1055	OCEAN 10	385784	3736233	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1056	OCEAN 11	385837	3736253	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1057	OCEAN 12	385889	3736274	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1058	OCEAN 13	385941	3736294	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1059	OCEAN 14	385993	3736314	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1060	OCEAN 15	386046	3736334	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1061	OCEAN 16	386098	3736355	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1062	OCEAN 17	386150	3736375	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Seaside Blvd OnRamp - Bridge	1063	OCEAN 18	386202	3736396	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1064	OCEAN 19	386254	3736417	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1065	OCEAN 20	386306	3736438	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1066	OCEAN 21	386357	3736460	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1067	OCEAN 22	386408	3736484	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1068	OCEAN 23	386459	3736507	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1069	OCEAN 24	386510	3736530	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1070	OCEAN 25	386561	3736553	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1071	OCEAN 26	386612	3736576	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1072	OCEAN 27	386663	3736599	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1073	OCEAN 28	386714	3736622	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1074	OCEAN 29	386765	3736645	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1075	OCEAN 30	386816	3736668	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1076	OCEAN 31	386867	3736692	28	0.0090	0.0380	0.0274	0.0008	0.0008

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Ocean Blvd: Bridge	1077	OCEAN 32	386918	3736715	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1078	OCEAN 33	386970	3736735	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1079	OCEAN 34	387023	3736754	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1080	OCEAN 35	387074	3736777	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1081	OCEAN 36	387125	3736800	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1082	OCEAN 37	387176	3736822	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1083	OCEAN 38	387228	3736844	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1084	OCEAN 39	387280	3736865	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1085	OCEAN 40	387333	3736884	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1086	OCEAN 41	387386	3736901	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1087	OCEAN 42	387441	3736913	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge	1088	OCEAN 43	387496	3736922	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1089	OCEAN 44	387551	3736930	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1090	OCEAN 45	387607	3736937	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1091	OCEAN 46	387662	3736943	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1092	OCEAN 47	387718	3736949	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1093	OCEAN 48	387774	3736955	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1094	OCEAN 49	387829	3736961	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1095	OCEAN 50	387885	3736966	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1096	OCEAN 51	387941	3736972	28	0.0090	0.0380	0.0274	0.0008	0.0008
Ocean Blvd: Bridge - I-710 Offramp	1097	OCEAN 52	387997	3736977	28	0.0090	0.0380	0.0274	0.0008	0.0008
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1100	I-710 1	388240.92	3741119.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1101	I-710 2	388241.31	3741057.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1102	I-710 3	388243.97	3740995.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1103	I-710 4	388249.99	3740933.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1104	I-710 5	388256.45	3740871.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1105	I-710 6	388265.09	3740810.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1106	I-710 7	388273.78	3740749.1	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1107	I-710 8	388279.73	3740687.4	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1108	I-710 9	388281.42	3740625.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1109	I-710 10	388280.43	3740563.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1110	I-710 11	388279.44	3740501.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1111	I-710 12	388278.46	3740439.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1112	I-710 13	388277.47	3740377.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1113	I-710 14	388276.49	3740315.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1114	I-710 15	388275.5	3740253.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1115	I-710 16	388274.51	3740191.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1116	I-710 17	388273.35	3740129.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1117	I-710 18	388267.27	3740067.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1118	I-710 19	388258.34	3740006.6	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1119	I-710 20	388244.55	3739946.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1120	I-710 21	388230.76	3739885.7	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1121	I-710 22	388216.97	3739825.3	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1122	I-710 23	388204.89	3739764.5	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1123	I-710 24	388195.56	3739703.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1124	I-710 25	388188.02	3739641.7	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1125	I-710 26	388183.3	3739579.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1126	I-710 27	388180.09	3739518	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1127	I-710 28	388179.51	3739456	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1128	I-710 29	388183.74	3739394.2	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1129	I-710 30	388188.83	3739332.4	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1130	I-710 31	388194.17	3739270.6	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1131	I-710 32	388199.46	3739208.8	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1132	I-710 33	388199.39	3739146.8	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1133	I-710 34	388199.85	3739084.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1134	I-710 35	388200.87	3739022.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1135	I-710 36	388199.51	3738960.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1136	I-710 37	388197.57	3738898.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1137	I-710 38	388195.63	3738836.9	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1138	I-710 39	388193.68	3738775	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1139	I-710 40	388191.74	3738713	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1140	I-710 41	388189.5	3738651.1	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1141	I-710 42	388187.25	3738589.1	31	0.0319	0.1405	0.1543	0.0041	0.0038
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1142	I-710 43	388184.99	3738527.1	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1143	I-710 44	388189	3738465.2	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1144	I-710 45	388190	3738403.2	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB R (SB) /n/o 9th St OR (NB) combo	1145	I-710 46	388208	3738342	31	0.0329	0.1449	0.1587	0.0042	0.0039
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1153	HARBOR SCENIC 8	388800	3735766	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1154	HARBOR SCENIC 9	388775	3735828	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1155	HARBOR SCENIC 10	388755	3735890	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1156	HARBOR SCENIC 11	388717	3735941	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1157	HARBOR SCENIC 12	388665	3735988	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1158	HARBOR SCENIC 13	388611	3736036	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1159	HARBOR SCENIC 14	388564	3736090	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1160	HARBOR SCENIC 15	388516	3736144	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1161	HARBOR SCENIC 16	388476	3736204	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1162	HARBOR SCENIC 17	388442	3736267	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1163	HARBOR SCENIC 18	388416	3736334	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1164	HARBOR SCENIC 19	388395	3736403	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1165	HARBOR SCENIC 20	388367	3736469	36	0.0190	0.0820	0.0970	0.0027	0.0024

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1166	HARBOR SCENIC 21	388328	3736530	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1167	HARBOR SCENIC 22	388287	3736588	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1168	HARBOR SCENIC 23	388245	3736647	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: - Pico Connector - Harbor Plaza Offramp	1169	HARBOR SCENIC 24	388213	3736711	36	0.0190	0.0820	0.0970	0.0027	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1170	HARBOR SCENIC 25	388212.54	3736780.2	36	0.0194	0.0836	0.0989	0.0027	0.0025
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1171	HARBOR SCENIC 26	388196.24	3736850.3	36	0.0194	0.0836	0.0989	0.0027	0.0025
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1172	HARBOR SCENIC 27	388191.38	3736922.1	36	0.0194	0.0836	0.0989	0.0027	0.0025
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1173	HARBOR SCENIC 28	388200.37	3736993.4	36	0.0194	0.0836	0.0989	0.0027	0.0025
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1174	HARBOR SCENIC 29	388212.45	3737064.4	36	0.0194	0.0836	0.0989	0.0027	0.0025
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1175	HARBOR SCENIC 30	388223.28	3737135.6	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1176	HARBOR SCENIC 31	388232.96	3737206.9	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1177	HARBOR SCENIC 32	388239.74	3737278.5	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1178	HARBOR SCENIC 33	388242.54	3737350.5	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1179	HARBOR SCENIC 34	388244.23	3737422.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1180	HARBOR SCENIC 35	388242.79	3737494.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1181	HARBOR SCENIC 36	388241.35	3737566.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1182	HARBOR SCENIC 37	388241.06	3737638.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1183	HARBOR SCENIC 38	388241.93	3737710.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1184	HARBOR SCENIC 39	388242.8	3737782.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1185	HARBOR SCENIC 40	388243.68	3737854.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1186	HARBOR SCENIC 41	388244.55	3737926.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
Harbor Scenic Dr: P C - I-710 9th St OR (NB)/ O C - P C (SB) combo	1187	HARBOR SCENIC 42	388245.43	3737998.4	36	0.0206	0.0906	0.0991	0.0026	0.0024
9th Street: Anaheim St - Santa Fe	1190	Ninth St 1	387057	3738731	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1191	Ninth St 2	387090	3738702	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1192	Ninth St 3	387110	3738663	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1193	Ninth St 4	387131	3738625	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1194	Ninth St 5	387168	3738603	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1195	Ninth St 6	387210	3738589	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1196	Ninth St 7	387252	3738576	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1197	Ninth St 8	387294	3738562	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1198	Ninth St 9	387335	3738547	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1199	Ninth St 10	387377	3738533	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Anaheim St - Santa Fe	1200	Ninth St 11	387418	3738518	22	0.0024	0.0103	0.0074	0.0002	0.0002
9th Street: Santa Fe to 10th	1201	Ninth St 12	387460	3738504	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Santa Fe to 10th	1202	Ninth St 13	387502	3738489	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Santa Fe to 10th	1203	Ninth St 14	387543	3738475	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Santa Fe to 10th	1204	Ninth St 15	387584	3738460	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Santa Fe to 10th	1205	Ninth St 16	387626	3738446	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Santa Fe to 10th	1206	Ninth St 17	387668	3738433	22	0.0053	0.0211	0.0129	0.0004	0.0004
9th Street: Caspian - Pico (SB only)	1207	Ninth St 18	387710	3738419	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1208	Ninth St 19	387751	3738404	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1209	Ninth St 20	387793	3738389	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1210	Ninth St 21	387834	3738374	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1211	Ninth St 22	387875	3738359	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1212	Ninth St 23	387917	3738344	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1213	Ninth St 24	387958	3738329	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1214	Ninth St 25	387999	3738314	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1215	Ninth St 26	388041	3738299	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1216	Ninth St 27	388082	3738284	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1217	Ninth St 28	388124	3738269	22	0.0018	0.0081	0.0070	0.0002	0.0002
Pier D St: w/o Pico Ave - w/o Pico Ave	1234	PIER D 17	387144	3736877	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1235	PIER D 18	387168	3736890	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1236	PIER D 19	387193	3736903	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1237	PIER D 20	387218	3736916	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1238	PIER D 21	387243	3736928	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1239	PIER D 22	387268	3736941	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1240	PIER D 23	387293	3736954	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1241	PIER D 24	387318	3736967	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1242	PIER D 25	387343	3736979	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1243	PIER D 26	387368	3736992	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1244	PIER D 27	387394	3737002	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1245	PIER D 28	387420	3737013	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1246	PIER D 29	387445	3737026	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1247	PIER D 30	387470	3737038	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1248	PIER D 31	387495	3737051	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1249	PIER D 32	387520	3737064	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1250	PIER D 33	387545	3737077	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1251	PIER D 34	387570	3737089	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1252	PIER D 35	387594	3737102	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1253	PIER D 36	387619	3737115	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1254	PIER D 37	387644	3737128	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1255	PIER D 38	387669	3737140	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1256	PIER D 39	387694	3737153	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1257	PIER D 40	387719	3737166	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1258	PIER D 41	387744	3737178	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1259	PIER D 42	387769	3737191	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1260	PIER D 43	387794	3737203	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1261	PIER D 44	387819	3737216	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1262	PIER D 45	387845	3737227	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1263	PIER D 46	387872	3737235	14	0.0106	0.0420	0.0257	0.0009	0.0008

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pier D St: w/o Pico Ave - w/o Pico Ave	1264	PIER D 47	387899	3737243	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1265	PIER D 48	387926	3737250	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1266	PIER D 49	387953	3737257	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1267	PIER D 50	387980	3737264	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1268	PIER D 51	388007	3737272	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1269	PIER D 52	388034	3737279	14	0.0106	0.0420	0.0257	0.0009	0.0008
Pier D St: w/o Pico Ave - w/o Pico Ave	1270	PIER D 53	388061	3737286	14	0.0106	0.0420	0.0257	0.0009	0.0008
10th Street: Pico - 9th (NB only)	1271	Tenth St 1	387717	3738420	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1272	Tenth St 2	387744	3738413	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1273	Tenth St 3	387771	3738407	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1274	Tenth St 4	387799	3738405	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1275	Tenth St 5	387827	3738408	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1276	Tenth St 6	387855	3738412	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1277	Tenth St 7	387882	3738414	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1278	Tenth St 8	387910	3738416	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1279	Tenth St 9	387938	3738420	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1280	Tenth St 10	387966	3738425	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1281	Tenth St 11	387993	3738430	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1282	Tenth St 12	388021	3738435	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1283	Tenth St 13	388048	3738440	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1284	Tenth St 14	388076	3738444	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1285	Tenth St 15	388104	3738441	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1286	Tenth St 16	388128	3738429	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1287	Tenth St 17	388145	3738407	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1288	Tenth St 18	388154	3738380	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1289	Tenth St 19	388160	3738353	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1290	Tenth St 20	388167	3738326	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1291	Tenth St 21	388173	3738298	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1292	Tenth St 22	388179	3738271	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1293	Tenth St 23	388185	3738244	14	0.0012	0.0050	0.0036	0.0001	0.0001
Offramp: I-710 at 9th Street (SB)	1294	CONNECTOR 1	388112	3738046	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB)	1295	CONNECTOR 2	388096	3738023	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB)	1296	CONNECTOR 3	388080	3738000	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB)	1297	CONNECTOR 4	388065	3737977	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB)	1298	CONNECTOR 5	388058	3737949	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB)	1299	CONNECTOR 6	388058	3737922	14	0.0067	0.0265	0.0162	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1300	CONNECTOR 7	388072	3737898	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1301	CONNECTOR 8	388091	3737879	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1302	CONNECTOR 9	388116	3737867	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1303	CONNECTOR 10	388144	3737866	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1304	CONNECTOR 11	388170	3737874	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1305	CONNECTOR 12	388193	3737890	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1306	CONNECTOR 13	388210	3737912	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1307	CONNECTOR 14	388213	3737939	14	0.0066	0.0262	0.0160	0.0005	0.0005
Offramp: I-710 at 9th Street (SB BRIDGE)	1308	CONNECTOR 15	388214	3737967	14	0.0066	0.0262	0.0160	0.0005	0.0005
Onramp: 9th St - I-710 (NB)	1309	CONNECTOR 16	388106	3738066	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1310	CONNECTOR 17	388089	3738044	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1311	CONNECTOR 18	388072	3738022	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1312	CONNECTOR 19	388058	3737997	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1313	CONNECTOR 20	388047	3737972	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1314	CONNECTOR 21	388044	3737944	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1315	CONNECTOR 22	388042	3737916	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1316	CONNECTOR 23	388051	3737890	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB)	1317	CONNECTOR 24	388064	3737865	14	0.0076	0.0302	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1318	CONNECTOR 25	388076	3737840	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1319	CONNECTOR 26	388091	3737817	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1320	CONNECTOR 27	388111	3737797	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1321	CONNECTOR 28	388137	3737787	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1322	CONNECTOR 29	388164	3737782	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1323	CONNECTOR 30	388192	3737785	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1324	CONNECTOR 31	388217	3737796	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1325	CONNECTOR 32	388239	3737814	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1326	CONNECTOR 33	388253	3737837	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1327	CONNECTOR 34	388263	3737863	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1328	CONNECTOR 35	388264	3737891	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1329	CONNECTOR 36	388265	3737919	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1330	CONNECTOR 37	388265	3737947	14	0.0076	0.0301	0.0184	0.0006	0.0006
Onramp: 9th St - I-710 (NB BRIDGE)	1331	CONNECTOR 38	388266	3737975	14	0.0076	0.0301	0.0184	0.0006	0.0006
Pier F Ave: Middle Harbor - Harbor Plaza	1360	PIER F 1	387539	3734879	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1361	PIER F 2	387550	3734926	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1362	PIER F 3	387568	3734970	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1363	PIER F 4	387599	3735006	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1364	PIER F 5	387640	3735031	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1365	PIER F 6	387681	3735056	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1366	PIER F 7	387722	3735081	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1367	PIER F 8	387763	3735106	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1368	PIER F 9	387804	3735131	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1369	PIER F 10	387845	3735156	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1370	PIER F 11	387886	3735181	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1371	PIER F 12	387927	3735206	24	0.0278	0.1169	0.0843	0.0026	0.0024

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Pier F Ave: Middle Harbor - Harbor Plaza	1372	PIER F 13	387968	3735231	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1373	PIER F 14	388009	3735256	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1374	PIER F 15	388050	3735281	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1375	PIER F 16	388091	3735306	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1376	PIER F 17	388135	3735325	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1377	PIER F 18	388182	3735331	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1378	PIER F 19	388230	3735331	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1379	PIER F 20	388276	3735339	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1380	PIER F 21	388288	3735383	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1381	PIER F 22	388289	3735431	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1382	PIER F 23	388289	3735479	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1383	PIER F 24	388290	3735527	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1384	PIER F 25	388290	3735575	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1385	PIER F 26	388290	3735623	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1386	PIER F 27	388289	3735671	24	0.0278	0.1169	0.0843	0.0026	0.0024
Pier F Ave: Middle Harbor - Harbor Plaza	1387	PIER F 28	388296	3735718	24	0.0278	0.1169	0.0843	0.0026	0.0024
Harbor Plaza: Pier F Ave - Pier G Ave	1388	PIER F 29	388336	3735740	24	0.0371	0.1471	0.0899	0.0030	0.0028
Harbor Plaza: Pier F Ave - Pier G Ave	1389	PIER F 30	388384	3735741	24	0.0371	0.1471	0.0899	0.0030	0.0028
Harbor Plaza: Pier F Ave - Pier G Ave	1390	PIER F 31	388432	3735740	24	0.0371	0.1471	0.0899	0.0030	0.0028
Harbor Plaza: Pier F Ave - Pier G Ave	1391	PIER F 32	388486	3735740	24	0.0371	0.1471	0.0899	0.0030	0.0028
Harbor Plaza: Pier G Ave - Queens Way Bridge	1392	HARBOR PLAZA 1	388534	3735739	24	0.0116	0.0489	0.0353	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1393	HARBOR PLAZA 2	388582	3735738	24	0.0116	0.0489	0.0353	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1394	HARBOR PLAZA 3	388630	3735737	24	0.0116	0.0489	0.0353	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1395	HARBOR PLAZA 4	388678	3735737	24	0.0116	0.0489	0.0353	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1396	HARBOR PLAZA 5	388726	3735736	24	0.0116	0.0489	0.0353	0.0011	0.0010
Harbor Plaza: Pier G Ave - Queens Way Bridge	1397	HARBOR PLAZA 6	388771	3735723	24	0.0116	0.0489	0.0353	0.0011	0.0010
Santa Fe: 9th St - Anaheim St	1417	SANTA FE 2	387462	3738556	24	0.0020	0.0085	0.0061	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1418	SANTA FE 3	387463	3738604	24	0.0020	0.0085	0.0061	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1419	SANTA FE 4	387464	3738652	24	0.0020	0.0085	0.0061	0.0002	0.0002
Santa Fe: 9th St - Anaheim St	1420	SANTA FE 5	387465	3738700	24	0.0020	0.0085	0.0061	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1421	SANTA FE 6	387465	3738748	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1422	SANTA FE 7	387466	3738796	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1423	SANTA FE 8	387467	3738844	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1424	SANTA FE 9	387468	3738892	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1425	SANTA FE 10	387468	3738940	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1426	SANTA FE 11	387469	3738988	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1427	SANTA FE 12	387470	3739036	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1428	SANTA FE 13	387471	3739084	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1429	SANTA FE 14	387471	3739132	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1430	SANTA FE 15	387472	3739180	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1431	SANTA FE 16	387473	3739228	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1432	SANTA FE 17	387474	3739276	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1433	SANTA FE 18	387475	3739324	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1434	SANTA FE 19	387475	3739372	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1435	SANTA FE 20	387476	3739420	24	0.0025	0.0105	0.0075	0.0002	0.0002
Santa Fe: n/o Anaheim St - s/o Willow St	1436	SANTA FE 21	387477	3739468	24	0.0025	0.0105	0.0075	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1437	ALAMEDA 1	383938	3737677	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1438	ALAMEDA 2	383976	3737707	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1439	ALAMEDA 3	384013	3737736	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1440	ALAMEDA 4	384051	3737766	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1441	ALAMEDA 5	384089	3737795	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1442	ALAMEDA 6	384126	3737826	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1443	ALAMEDA 7	384163	3737857	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1444	ALAMEDA 8	384198	3737889	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1445	ALAMEDA 9	384234	3737922	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1446	ALAMEDA 10	384267	3737956	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1447	ALAMEDA 11	384300	3737991	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1448	ALAMEDA 12	384334	3738025	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1449	ALAMEDA 13	384365	3738062	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1450	ALAMEDA 14	384395	3738099	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1451	ALAMEDA 15	384426	3738136	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1452	ALAMEDA 16	384457	3738173	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1453	ALAMEDA 17	384487	3738210	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1454	ALAMEDA 18	384515	3738249	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1455	ALAMEDA 19	384544	3738287	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1456	ALAMEDA 20	384572	3738326	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1457	ALAMEDA 21	384597	3738367	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1458	ALAMEDA 22	384622	3738408	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1459	ALAMEDA 23	384646	3738450	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1460	ALAMEDA 24	384669	3738492	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1461	ALAMEDA 25	384692	3738534	24	0.0022	0.0086	0.0052	0.0002	0.0002
Alameda St: Eubank - Anaheim St	1462	ALAMEDA 26	384707	3738562	24	0.0022	0.0086	0.0052	0.0002	0.0002
Anaheim St: Alameda - SR-47	1463	ANAHEIM 1	384755	3738566	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1464	ANAHEIM 2	384803	3738569	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1465	ANAHEIM 3	384851	3738572	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1466	ANAHEIM 4	384898	3738576	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1467	ANAHEIM 5	384946	3738579	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1468	ANAHEIM 6	384994	3738582	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: Alameda - SR-47	1469	ANAHEIM 7	385042	3738586	24	0.0032	0.0110	0.0056	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1470	ANAHEIM 8	385090	3738589	24	0.0025	0.0100	0.0061	0.0002	0.0002

Table A.2.1-Alt4D-4. Hourly Roadway Link Emissions - POLB MHTP - Alternative 4

						Emissions (Pounds/Hour)				
Roadway Link	BEEST ID	BEEST Name	UTM X	UTM Y	Width (m)	TOG	CO	NO2	PM10	PM2.5
Anaheim St: SR-47 - 9th St	1471	ANAHEIM 9	385138	3738593	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1472	ANAHEIM 10	385186	3738596	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1473	ANAHEIM 11	385234	3738599	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1474	ANAHEIM 12	385282	3738603	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1475	ANAHEIM 13	385329	3738606	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1476	ANAHEIM 14	385377	3738610	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1477	ANAHEIM 15	385425	3738613	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1478	ANAHEIM 16	385473	3738617	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1479	ANAHEIM 17	385521	3738620	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1480	ANAHEIM 18	385569	3738623	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1481	ANAHEIM 19	385617	3738627	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1482	ANAHEIM 20	385665	3738630	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1483	ANAHEIM 21	385712	3738634	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1484	ANAHEIM 22	385760	3738637	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1485	ANAHEIM 23	385808	3738641	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1486	ANAHEIM 24	385856	3738644	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1487	ANAHEIM 25	385904	3738648	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1488	ANAHEIM 26	385952	3738651	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1489	ANAHEIM 27	386000	3738654	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1490	ANAHEIM 28	386048	3738658	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1491	ANAHEIM 29	386095	3738661	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1492	ANAHEIM 30	386143	3738665	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1493	ANAHEIM 31	386191	3738668	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1494	ANAHEIM 32	386239	3738672	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1495	ANAHEIM 33	386287	3738675	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1496	ANAHEIM 34	386335	3738678	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1497	ANAHEIM 35	386383	3738682	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1498	ANAHEIM 36	386431	3738685	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1499	ANAHEIM 37	386478	3738689	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1500	ANAHEIM 38	386526	3738692	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1501	ANAHEIM 39	386574	3738696	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1502	ANAHEIM 40	386622	3738699	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1503	ANAHEIM 41	386670	3738703	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1504	ANAHEIM 42	386718	3738706	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1505	ANAHEIM 43	386766	3738709	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1506	ANAHEIM 44	386814	3738713	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1507	ANAHEIM 45	386861	3738716	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1508	ANAHEIM 46	386909	3738720	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1509	ANAHEIM 47	386957	3738723	24	0.0025	0.0100	0.0061	0.0002	0.0002
Anaheim St: SR-47 - 9th St	1510	ANAHEIM 48	387005	3738727	24	0.0025	0.0100	0.0061	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1601	Ninth Street 29	388163	3738248	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1602	Ninth Street 30	388181	3738207	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1603	Ninth Street 31	388183	3738163	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1604	Ninth Street 32	388164	3738124	22	0.0018	0.0081	0.0070	0.0002	0.0002
9th Street: Caspian - Pico (SB only)	1605	Ninth Street 33	388138	3738091	22	0.0018	0.0081	0.0070	0.0002	0.0002
Pico Ave: Pier B St - Pier D St	1606	Ninth Street 34	388122	3738073	27	0.0263	0.1109	0.0800	0.0024	0.0022
10th Street: Pico - 9th (NB only)	1607	Tenth St 24	388188	3738216	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1608	Tenth St 25	388189	3738189	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1609	Tenth St 26	388187	3738162	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1610	Tenth St 27	388175	3738137	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1611	Tenth St 28	388163	3738113	14	0.0012	0.0050	0.0036	0.0001	0.0001
10th Street: Pico - 9th (NB only)	1612	Tenth St 29	388147	3738092	14	0.0012	0.0050	0.0036	0.0001	0.0001
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1613	I-710 47	388220	3738282	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1614	I-710 48	388230	3738221	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1615	I-710 49	388240	3738160	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1616	I-710 50	388245	3738099	31	0.0329	0.1449	0.1587	0.0042	0.0039
I-710 : A SB OR - P SB Rs (SB)/ n/o 9th St OR (NB) - combo	1617	I-710 51	388245	3738038	31	0.0329	0.1449	0.1587	0.0042	0.0039
Pico Ave: Pier B St - Pier D St	1618	Pico 46	388150	3738027	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1619	Pico 47	388164	3737972	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pico Ave: Pier B St - Pier D St	1620	Pico 48	388169	3737918	27	0.0263	0.1109	0.0800	0.0024	0.0022
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1621	Ocean Offramp 1	388027	3736971	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1622	Ocean Offramp 2	388053	3736959	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1623	Ocean Offramp 3	388079	3736946	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1624	Ocean Offramp 4	388094	3736921	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1625	Ocean Offramp 5	388102	3736893	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1626	Ocean Offramp 6	388102	3736865	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1627	Ocean Offramp 7	388102	3736836	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1628	Ocean Offramp 8	388101	3736808	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1629	Ocean Offramp 9	388085	3736784	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1630	Ocean Offramp 10	388058	3736777	14	0.0000	0.0000	0.0000	0.0000	0.0000
Pier E St Off Ramp : Pico Ave - Ocean Blvd	1631	Ocean Offramp 11	388029	3736775	14	0.0000	0.0000	0.0000	0.0000	0.0000

Alternative 1 Modeling Construction Emissions Tables

Table A.2.2.1-1 Hourly Mitigated PM10/PM2.5 Emissions - POLB - MHTP - Mitigated Alternative 1
Table A.2.2.1-2 Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Mitigated Alternative 1
Table A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions
Table A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions
Table A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions
Table A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions
Table A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions
Table A.2.2.1-8-Alt1-Alternative 1 Construction Peak Daily PM10 Emissions
Table A.2.2.1-9 Hourly NOx/CO Emissions - POLB - MHTP - Mitigated/Unmitigated Alternative 1
Table A.2.2.1-10 Construction Volume Source NOx/CO Emissions Simulations - POLB - MHTP - Mitigated/Unmitigated Alternative 1
Table A.2.2.1-11 Hourly Mitigated PM10/PM2.5 Emissions - POLB - MHTP - Unmitigated Alternative 1
Table A.2.2.1-12 Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Unmitigated Alternative 1

Table A.2.2.1-1 Hourly PM10/PM2.5 Emissions - POLB - MHTP - Mitigated Alternative 1

Construction Project/Activity	*Pounds per Hour*	
	PM10	*PM2.5*
Seaside Railyard Area Redevelopment		
New Container Yard Utilities	0.8	0.7
New Container Yard Construction - Paving	0.4	0.3
New Container Yard Construction - Electrical	0.1	0.1
Fugitive Dust	15.8	3.3
Subtotal	17.1	4.5
Develop Terminal North of Ocean Blvd.		
New Container Yard Utilities	0.8	0.7
New Container Yard Construction - Paving	0.4	0.3
New Container Yard Construction - Electrical	0.1	0.1
Fugitive Dust	11.9	2.5
Subtotal	13.1	3.6
Construction - New Terminal Buildings		
Building Construction	0.9	0.8
Fugitive Dust	4.0	0.8
Subtotal	4.9	1.6
Construct Berth 23 Wharf , Armor, Fill		
Land Ex	0.4	0.4
Retaining Bulkhead Construction	0.2	0.2
Drive 24-In Octagonal Piles - Land	0.4	0.4
Drive 24-In Octagonal Piles - Water	0.9	0.8
Drive Piles - Misc Activities	0.2	0.2
Reinforced Concrete Wharf	0.8	0.7
Fugitive Dust	4.0	0.8
Subtotal	6.9	3.5
Total Hourly PM10/PM2.5 Emissions - Pounds	42.0	13.3

Table A.2.2.1-2 Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Mitigated Alternative 1

Activity/Source ID	*Source #*	*Width (meters)*	*Area (m2)*	*# of Sources*	*Fraction of Total Source Area*	*Pounds per Hour*	
						PM10	*PM2.5*
Seaside Railyard Area Redevelopment							
	413	225	50,625	1	0.42	7.3	1.9
	418	50	2,500	1	0.02	0.4	0.1
	419	75	5,625	1	0.05	0.8	0.2
	420	75	5,625	1	0.05	0.8	0.2
	421	75	5,625	1	0.05	0.8	0.2
	422	75	5,625	1	0.05	0.8	0.2
	424	75	5,625	1	0.05	0.8	0.2
	425	75	5,625	1	0.05	0.8	0.2
	427	150	22,500	1	0.19	3.2	0.8
	428	100	10,000	1	0.08	1.4	0.4
Subtotals			119,375	10	1.00	17.1	4.5
Develop Terminal North of Ocean Blvd.							
	33	125	15,625	1	0.31	4.03	1.12
	34	125	15,625	1	0.31	4.03	1.12
	35	85	7,225	1	0.14	1.86	0.52
	36	50	2,500	1	0.05	0.64	0.18
	37	50	2,500	1	0.05	0.64	0.18
	38	50	2,500	1	0.05	0.64	0.18
	39	50	2,500	1	0.05	0.64	0.18
	40	50	2,500	1	0.05	0.64	0.18
Subtotals			50,975	8	1.00	13.15	3.64
Construction - New Terminal Buildings							
	529	125	15,625	1	1.00	4.85	1.65
Subtotals			15,625	1	1.00	4.85	1.65
Construct Berth 23 Wharf , Armor, Fill							
	541	75	5,625	1	0.23	1.58	0.81
	542	50	2,500	1	0.10	0.70	0.36
	543	50	2,500	1	0.10	0.70	0.36
	545	75	5,625	1	0.23	1.58	0.81
	546	75	5,625	1	0.23	1.58	0.81
	549	50	2,500	1	0.10	0.70	0.36
Subtotals			24,375	6	1.00	6.87	3.52
Total Emissions						42.0	13.3

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	122	122	122	122	122	122	122	122	122	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	1,113	1,113	1,113	1,113	1,113	1,113	1,113	0	0	0
	Land Ex	0	0	0	0	0	0	0	54	54	54	54	54	54	54	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	535	535	535	535	535	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	64
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	130	130	130	130	130	130
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	18	18
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	184	184	184	184	184	184
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	535	535	535	535	535	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	1,113	1,113	1,113	1,113	1,113	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	535	535	535	535
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,113
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	29	29	29	29	29	29	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	1,113	1,113	1,113	1,113	1,113	1,113
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	122	122	122	122	122	122	122	122
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	535	535	535	535	535	535	535	535	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	535
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhead)																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	221	221	221	756	756	813	813	1,952	3,066	3,559	3,559	5,123	5,177	4,599	2,896	2,937	4,051
	Peak Daily Total	5,177																

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
		il	Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	130	130	130	130	130	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	18	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	184	184	184	184	184	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	29	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	117	117	117	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	44	44	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	13	13	13	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	535	535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	1,113	1,113	1,113	1,113	1,113	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	64	64	64	64	64	64	64	64	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	130	130	130	130	130	130	130	130	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	28	28	28	28	28	28	28	28	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	183	183	183	183	183	183	183	183	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	29	29	29	29	29	29	29	29	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	130	130	130	130	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	6	6	6	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	251	251	251	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	117	117	117	117	117
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	1,113	1,113	1,113	1,113	1,113	1,113	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	535	535	535	535	535	535	535	535	535	535	535	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	1,113	1,113	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	154	154	154	154	154	154	154	154	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	560	560	560	560	560	560	560	560	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	122	122	122	122	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	535	535	535	535	535	535	535	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	535	535	535	535	535	535	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	535	535	535	535

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
		ll	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities												0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition												0	0	0	0	0	0
	Wharf Demolition Landside												0	0	0	0	0	0
	Wharf Demolition Marine												0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhea												0	0	0	0	0	0
	Retaining Bulkhead Construction												0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1												0	0	0	0	0	0
	Clamshell Dredging												0	0	0	0	0	0
	Construct New Armor Slope												0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels												0	0	0	0	0	0
	Wharf Construction												0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land												0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water												0	0	0	0	0	0
	Drive Piles - Misc Activities												0	0	0	0	0	0
	Reinforced Concrete Wharf												0	0	0	0	0	0
	CY Development												0	0	0	0	0	0
	New Container Yard Construction - Paving												0	0	0	0	0	0
	Dredge to -55 ft												0	0	0	0	0	0
Ph 1-2	Clamshell Dredging												0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
		Jul	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	4,051	4,051	3,516	4,051	3,987	4,003	2,781	2,308	2,553	2,522	2,481	2,229	2,464	2,029	1,495	781	651
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	251	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	13	13	13	13	13	13	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	535	535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	251	251	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	251	251	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	6	6	6	6	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	251	251	251	251	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	109	109	109	109
	Construct New Bulkhead (Install Transition Bulkhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	865	865	865
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	947	830	302	302	314	314	270	270	270	270	258	18	0	214	1,073	1,108	1,108
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	251	251	251	251	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	109	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	865	865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	419	419	419	419	419	419	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	64	64	64	64	64	64	64	64	64
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	109	109	109	109	109	109	109	109	109
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	28	28	28	28	28	28	28	28	28
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	162	162	162	162	162	162	162	162	162
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	865	865	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	1,108	1,079	1,289	1,289	425	425	425	419	364	364	364	615	615	615	615	537	537
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	109	109	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	162	162	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	44	44	44	44	44	44	44	44	44	44	44	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities									0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	58	58	58
	Wharf Demolition Marine									0	0	0	0	0	0	97	97	97
	Sheet Pile Bulkhead Demolition									0	0	0	0	0	0	41	41	41
	Construct New Bulkhead									0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction									0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1									0	0	0	0	0	0	0	0	0
	Clamshell Dredging									0	0	0	0	0	0	0	0	0
	Construct New Armor Slope									0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0
	Wharf Construction									0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land									0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water									0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities									0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf									0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead									0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction									0	0	0	0	0	0	0	0	0
	CY Development									0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack									0	0	0	0	0	0	0	0	0
	Flatbed Truck									0	0	0	0	0	0	0	0	0
	Welding Machine									0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft									0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging									0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition									0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	0	0	0
	Railyard									0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction									0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)									0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities									0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving									0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical									0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf									0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine									0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike									0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East									0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)									0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)									0	0	0	0	0	0	0	0	0
	Wick Drains									0	0	0	0	0	0	0	0	0
	Roll Surcharge									0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge									0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	537	537	537	217	217	217	217	217	217	217	217	217	217	217	370	370	370
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

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		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Utilities	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Paving	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Electrical	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct New Bulkhead (Install Transition Bulkhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	97	97	97	97	97	97	97	97	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	29	29	29	29	29	29	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	610	610	610
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	77	77	77	77	77	77	77
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0
	Wharf Demolition Marine	0	91	91	91	91	91	91	91	91	91	91	91	91	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	246	246	246	246	246	246	246	246	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	284	284	284	284	284	284	284	284
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	421	421	421	421	421	421	421	421
	Wick Drains	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	370	649	649	649	649	649	649	649	482	948	967	967	967	818	1,428	1,428	1,428
	Peak Daily Total																	

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		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Feb		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		O
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	610	610	610	610	610	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	304	304	304	304	304	304	304	304	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	88	88
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141	141	141
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	611	611	611
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	77	77	77	77	77	77	77	77	77	77	77	77	77	77	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Feb		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284
	Cutter Suction Dredging- Land Disposal (No Booster)	421	421	421	421	421	421	421	421	421	421	421	421	421	421	421	421	421
	Wick Drains	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	1,399	1,399	1,399	1,399	1,399	789	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,818	1,818	1,818
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		ct	Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		ct	Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64	64	64	64	64	64	64	64	0	0	0	0
	Drive 24-In Octagonal Piles - Water	88	88	88	88	88	88	88	88	88	88	88	88	88	0	0	0	0
	Drive Piles - Misc Activities	28	28	28	28	28	28	28	28	28	28	28	28	28	0	0	0	0
	Reinforced Concrete Wharf	141	141	141	141	141	141	141	141	141	141	141	141	141	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	117	117	117	117
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction						0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities						0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving						0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical						0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		ct	Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities	117	117	117	117	117	117	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	13	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	284	284	284	284	284	284	284	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	421	421	421	421	421	421	421	0	0	0	0	0	0	0	0	0	0
	Wick Drains	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	251	251	251	251	251	251	251	251	251	251
Ph 2-2	Construction - New Terminal Buildings																	
	Building Construction																	
	Dredge and Excavate at Quay Wall																	
	Clamshell Dredging																	
	Demo Existing F8-10 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct Wharf, Armor, Fill																	
	Land Ex																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Retaining Bulkhead Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Basin Fill and Surcharge West																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Settlement Period																	
Ph 2-2	Roll Surcharge																	
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	1,207	1,207	1,207	1,207	1,207	1,207	1,033	573	573	573	573	573	573	425	425	425	425
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*M*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016
		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		M
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0					
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0					
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0					
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0					
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0					
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0					
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0					
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0					
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0					
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0					
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0					
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0					
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0					
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0					
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0					
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0					
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0					
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0					
	Vibratory Hammer & Power Pack	117	117	117	117	117	117	117	117	117	117	0	0					
	Flatbed Truck	44	44	44	44	44	44	44	44	44	44	0	0					
	Welding Machine	13	13	13	13	13	13	13	13	13	13	0	0					
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0					
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0					
Ph 1-4	Seaside Railyard Area Redevelopment													0	0	0	0	0
	New Container Yard Utilities													0	0	0	0	0
	New Container Yard Construction - Paving													0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical													0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*M*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0
	Wharf Demolition Marine	0	0	91	91	91	91	91	91	91	91	91	91	91	91	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	251	251	0	0	0	0	0	0	0	0	0	0	0	0	251	251	251
Ph 2-2	Construction - New Terminal Buildings													0	0	0	0	0
	Building Construction													0	0	0	0	0
	Dredge and Excavate at Quay Wall													0	0	0	0	0
	Clamshell Dredging													0	0	0	0	0
	Demo Existing F8-10 Wharf													0	0	0	0	0
	Wharf Demolition Landside													0	0	0	0	0
	Wharf Demolition Marine													0	0	0	0	0
	Construct Wharf, Armor, Fill													0	0	0	0	0
	Land Ex													0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels													0	0	0	0	0
	Retaining Bulkhead Construction													0	0	0	0	0
	Drive 24-In Octagonal Piles - Land													0	0	0	0	0
	Drive 24-In Octagonal Piles - Water													0	0	0	0	0
	Drive Piles - Misc Activities													0	0	0	0	0
	Reinforced Concrete Wharf													0	0	0	0	0
	Basin Fill and Surcharge West													0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)													0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)													0	0	0	0	0
	Wick Drains													0	0	0	0	0
	Settlement Period													0	0	0	0	0
Ph 2-2	Roll Surcharge													0	0	0	0	0
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	425	425	322	322	496	496	496	496	496	496	322	322	322	322	425	425	425
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	251	251	251	251	251	251	251	251	251	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	473	473	473	473	473
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	425	425	553	726	726	726	726	726	726	475	475	475	947	947	947	947	947
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Dec		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 2-1	Demolition	0	0															
	Wharf Demolition Landside	0	0															
	Railyard	0	0															
	Intermodal Yard Construction	0	0															
	Container Yard Development (F1 - F4)	0	0															

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Dec		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities	0	0															
	New Container Yard Construction - Paving	0	0															
	New Container Yard Construction - Electrical	0	0															
	Demo Existing F1-4, F6 Wharf	0	0															
	Wharf Demolition Landside	0	0															
	Wharf Demolition Marine	0	0															
	Construct East Basin Retaining Dike	0	0															
	Rock Placement, Push Off & Tub & Orange Peels	0	0															
	Slip/Basin Fill & Surcharge East	0	0															
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0															
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0															
	Wick Drains	0	0															
	Roll Surcharge	0	0															
Ph 2-1	Roll Surcharge	0	0															
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	473	473	473	473	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	0
	Wharf Demolition Marine	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	237
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																	
	Roll Surcharge																	
	CY Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 2-3	New Container Yard Construction - Electrical																	
	Daily Total	947	947	947	947	623	623	623	623	623	623	623	623	623	623	623	623	1,026
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018
		ug	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018
		ug	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	0	0	0	0
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0								
	New Container Yard Utilities	117	0	0	0	0	0	0	0	0								
	New Container Yard Construction - Paving	44	0	0	0	0	0	0	0	0								
Ph 1-5	New Container Yard Construction - Electrical	13	0	0	0	0	0	0	0	0								
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018
		ug	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
	Rock Placement, Push Off & Tub & Orange Peels	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237
	Retaining Bulkhead Construction	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Drive 24-In Octagonal Piles - Water	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
	Drive Piles - Misc Activities	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	Reinforced Concrete Wharf	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	288	288	288	288	288	288	288	288	288	288	288	288
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	362	362	362	362	362	362	362	362	362	362	362	362
	Wick Drains	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge										0	0	0	0	0	0	0	0
	Roll Surcharge										0	0	0	0	0	0	0	0
	CY Development										0	0	0	0	0	0	0	0
	New Container Yard Utilities										0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving										0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical										0	0	0	0	0	0	0	0
	Daily Total	1,026	853	853	853	853	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,335	1,335	1,335	1,335
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Ja
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Ja
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	237	237	237	237	237	237	237	237	237	237	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	29	29	29	29	29	29	29	29	29	29	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64	64	64	64	64	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	76	76	76	76	76	76	76	76	76	76	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	28	28	28	28	28	28	28	28	28	28	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	63	63	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	288	288	288	288	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	362	362	362	362	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	251	251	251	251	251	251	251	251	251	251	251	251	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	251
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daily Total	1,207	1,207	1,207	1,207	803	803	803	803	803	803	251	251	251	251	251	251	251
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		n	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E24																	
	Clamshell Dredging																	
	Land Ex																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Prepare for Toe Dike / Construct Dike (1st Lift)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Fill within Dike																	
	Clamshell Dredging																	
	Remaining Dike Lifts																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Remaining Fill Lifts																	
	Clamshell Dredging																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Retaining Bulkhead Construction																	
	Construct South Mooring Dolphin																	
	Drive 24-In Octagonal Piles - Water																	
	Wick Drains																	
	Wick Drains																	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																	
	Roll Surcharge																	
	Remove Surcharge to Slip 1 Fill Site																	
	Roll Surcharge																	
	Utility Construction																	
	New Container Yard Utilities																	
	Paving																	
	New Container Yard Construction - Paving																	
	Lighting, Fence, Striping, Crane Power																	
	New Container Yard Construction - Electrical																	
	Construct Retaining Structure at Pier D Oil Area																	
	Retaining Bulkhead Construction																	
	Excavate & Truck Material in Cell Bulkhead																	
	Land Ex																	
	Excavate Material Fronting Pier D																	
	Land Ex																	
	Clamshell Dredging																	
	Remove Cellular Sheetpile																	
	Sheet Pile Bulkhead Demolition																	
	Rock Revetment																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Hydraulic or Clamshell Dredge to -55 ft																	
	Clamshell Dredging																	
	Ground Improvments Pier D																	
	Stone Column Installation Eq																	
	Marine Rock Delivery Eq																	
	Demo - E12-13 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Lift #1 (~ -30)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #2 (~ -15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #3 (~ 0)																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Lift #4 (~ +15)																	
	Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		n	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	2nd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	3rd Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	4th Surcharge and Wick Drains																	
	Wick Drains																	
	Roll Surcharge																	
	Remove Surcharge																	
	Roll Surcharge																	
	Container Yard Development																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	POLB Ocean Blvd Track Reconfiguration																	
	Triple Track Installation Demo Eq																	
	Triple Track Utility Relocation Eq																	
	Triple Track Grading Eq																	
	Triple Track Retaining Wall Eq																	
	Triple Track Trackwork Eq																	
Ph 1-1	Triple Track Miscellaneous Eq																	
Ph 1-2	Demolish Existing Facilities																	
	Sheet Pile Bulkhead Demolition																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct New Bulkhead (Install Transition Bulkhea																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E25 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	CY Development																	
	New Container Yard Construction - Paving																	
	Dredge to -55 ft																	
Ph 1-2	Clamshell Dredging																	
Ph 1-3	Demolish Existing Facilities																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Sheet Pile Bulkhead Demolition																	
	Construct New Bulkhead																	
	Retaining Bulkhead Construction																	
	Excavation Fronting E26 and Dispose Slip 1																	
	Clamshell Dredging																	
	Construct New Armor Slope																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Wharf Construction																	
	Drive 24-In Octagonal Piles - Land																	
	Drive 24-In Octagonal Piles - Water																	
	Drive Piles - Misc Activities																	
	Reinforced Concrete Wharf																	
	Construct E27 Bulkhead																	
	Retaining Bulkhead Construction																	
	CY Development																	
	Vibratory Hammer & Power Pack																	
	Flatbed Truck																	
	Welding Machine																	
	Hydraulic Dredge to -55ft																	
Ph 1-3	Clamshell Dredging																	
Ph 1-4	Seaside Railyard Area Redevelopment																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-4	New Container Yard Construction - Electrical																	
Ph 1-5	Construction																	
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
Ph 1-5	New Container Yard Construction - Electrical																	
Ph 2-1	Demolition																	
	Wharf Demolition Landside																	
	Railyard																	
	Intermodal Yard Construction																	
	Container Yard Development (F1 - F4)																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		n	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities																	
	New Container Yard Construction - Paving																	
	New Container Yard Construction - Electrical																	
	Demo Existing F1-4, F6 Wharf																	
	Wharf Demolition Landside																	
	Wharf Demolition Marine																	
	Construct East Basin Retaining Dike																	
	Rock Placement, Push Off & Tub & Orange Peels																	
	Slip/Basin Fill & Surcharge East																	
	Cutter Suction Dredging- Spill Barge (No Booster)																	
	Cutter Suction Dredging- Land Disposal (No Booster)																	
	Wick Drains																	
	Roll Surcharge																	
Ph 2-1	Roll Surcharge																	
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	251	251	251	251	251	251	251	251	251	251	251	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13
	Daily Total	251	251	251	251	251	425	425	425	425	425	425	173	173	173	173	173	173
	Peak Daily Total																	

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019
		Oct		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities						
	Wharf Demolition Landside						
	Wharf Demolition Marine						
	Sheet Pile Bulkhead Demolition						
	Construct New Bulkhead						
	Retaining Bulkhead Construction						
	Excavation Fronting E24						
	Clamshell Dredging						
	Land Ex						
	Construct New Armor Slope						
	Rock Placement, Push Off & Tub & Orange Peels						
	Wharf Construction						
	Drive 24-In Octagonal Piles - Land						
	Drive 24-In Octagonal Piles - Water						
	Drive Piles - Misc Activities						
	Reinforced Concrete Wharf						
	Retaining Bulkhead Construction						
	Utility Construction						
	New Container Yard Utilities						
	Paving						
	New Container Yard Construction - Paving						
	Lighting, Striping, Crane Power						
	New Container Yard Construction - Electrical						
	Prepare for Toe Dike / Construct Dike (1st Lift)						
	Rock Placement, Push Off & Tub & Orange Peels						
	Fill within Dike						
	Clamshell Dredging						
	Remaining Dike Lifts						
	Rock Placement, Push Off & Tub & Orange Peels						
	Remaining Fill Lifts						
	Clamshell Dredging						
	Wharf Construction						
	Drive 24-In Octagonal Piles - Land						
	Drive 24-In Octagonal Piles - Water						
	Drive Piles - Misc Activities						
	Reinforced Concrete Wharf						
	Retaining Bulkhead Construction						
	Construct South Mooring Dolphin						
	Drive 24-In Octagonal Piles - Water						
	Wick Drains						
	Wick Drains						
	Surcharge (Initial Pump, Plus Clamshell or Truck)						
	Roll Surcharge						
	Remove Surcharge to Slip 1 Fill Site						
	Roll Surcharge						
	Utility Construction						
	New Container Yard Utilities						
	Paving						
	New Container Yard Construction - Paving						
	Lighting, Fence, Striping, Crane Power						
	New Container Yard Construction - Electrical						
	Construct Retaining Structure at Pier D Oil Area						
	Retaining Bulkhead Construction						
	Excavate & Truck Material in Cell Bulkhead						
	Land Ex						
	Excavate Material Fronting Pier D						
	Land Ex						
	Clamshell Dredging						
	Remove Cellular Sheetpile						
	Sheet Pile Bulkhead Demolition						
	Rock Revetment						
	Rock Placement, Push Off & Tub & Orange Peels						
	Hydraulic or Clamshell Dredge to -55 ft						
	Clamshell Dredging						
	Ground Improvments Pier D						
	Stone Column Installation Eq						
	Marine Rock Delivery Eq						
	Demo - E12-13 Wharf						
	Wharf Demolition Landside						
	Wharf Demolition Marine						
	Lift #1 (~ -30)						
	Rock Placement, Push Off & Tub & Orange Peels						
	Lift #2 (~ -15)						
	Rock Placement, Push Off & Tub & Orange Peels						
	Lift #3 (~ 0)						
	Rock Placement, Push Off & Tub & Orange Peels						
	Lift #4 (~ +15)						
	Rock Placement, Push Off & Tub & Orange Peels						

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019
		Oct		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Initial Surcharge and Wick Drains						
	Wick Drains						
	Roll Surcharge						
	2nd Surcharge and Wick Drains						
	Wick Drains						
	Roll Surcharge						
	3rd Surcharge and Wick Drains						
	Wick Drains						
	Roll Surcharge						
	4th Surcharge and Wick Drains						
	Wick Drains						
	Roll Surcharge						
	Remove Surcharge						
	Roll Surcharge						
	Container Yard Development						
	New Container Yard Utilities						
	New Container Yard Construction - Paving						
	New Container Yard Construction - Electrical						
	POLB Ocean Blvd Track Reconfiguration						
	Triple Track Installation Demo Eq						
	Triple Track Utility Relocation Eq						
	Triple Track Grading Eq						
	Triple Track Retaining Wall Eq						
	Triple Track Trackwork Eq						
Ph 1-1	Triple Track Miscellaneous Eq						
Ph 1-2	Demolish Existing Facilities						
	Sheet Pile Bulkhead Demolition						
	Wharf Demolition Landside						
	Wharf Demolition Marine						
	Construct New Bulkhead (Install Transition Bulkhea						
	Retaining Bulkhead Construction						
	Excavation Fronting E25 and Dispose Slip 1						
	Clamshell Dredging						
	Construct New Armor Slope						
	Rock Placement, Push Off & Tub & Orange Peels						
	Wharf Construction						
	Drive 24-In Octagonal Piles - Land						
	Drive 24-In Octagonal Piles - Water						
	Drive Piles - Misc Activities						
	Reinforced Concrete Wharf						
	CY Development						
	New Container Yard Construction - Paving						
	Dredge to -55 ft						
Ph 1-2	Clamshell Dredging						
Ph 1-3	Demolish Existing Facilities						
	Wharf Demolition Landside						
	Wharf Demolition Marine						
	Sheet Pile Bulkhead Demolition						
	Construct New Bulkhead						
	Retaining Bulkhead Construction						
	Excavation Fronting E26 and Dispose Slip 1						
	Clamshell Dredging						
	Construct New Armor Slope						
	Rock Placement, Push Off & Tub & Orange Peels						
	Wharf Construction						
	Drive 24-In Octagonal Piles - Land						
	Drive 24-In Octagonal Piles - Water						
	Drive Piles - Misc Activities						
	Reinforced Concrete Wharf						
	Construct E27 Bulkhead						
	Retaining Bulkhead Construction						
	CY Development						
	Vibratory Hammer & Power Pack						
	Flatbed Truck						
	Welding Machine						
	Hydraulic Dredge to -55ft						
Ph 1-3	Clamshell Dredging						
Ph 1-4	Seaside Railyard Area Redevelopment						
	New Container Yard Utilities						
	New Container Yard Construction - Paving						
Ph 1-4	New Container Yard Construction - Electrical						
Ph 1-5	Construction						
	New Container Yard Utilities						
	New Container Yard Construction - Paving						
Ph 1-5	New Container Yard Construction - Electrical						
Ph 2-1	Demolition						
	Wharf Demolition Landside						
	Railyard						
	Intermodal Yard Construction						
	Container Yard Development (F1 - F4)						

A.2.2.1-3-Alt1-Alternative 1 Construction Peak Daily NOx Emissions

		2019	2019	2019	2019	2019	2019
		Oct		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	New Container Yard Utilities						
	New Container Yard Construction - Paving						
	New Container Yard Construction - Electrical						
	Demo Existing F1-4, F6 Wharf						
	Wharf Demolition Landside						
	Wharf Demolition Marine						
	Construct East Basin Retaining Dike						
	Rock Placement, Push Off & Tub & Orange Peels						
	Slip/Basin Fill & Surcharge East						
	Cutter Suction Dredging- Spill Barge (No Booster)						
	Cutter Suction Dredging- Land Disposal (No Booster)						
	Wick Drains						
	Roll Surcharge						
Ph 2-1	Roll Surcharge						
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	0	0
	New Container Yard Construction - Paving	44	44	44	44	0	0
Ph 2-3	New Container Yard Construction - Electrical	13	13	13	13	0	0
	Daily Total	173	173	173	173	0	0
	Peak Daily Total						

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2007				2008																						
Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0								0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0						0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	8	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	16	16	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	23	23	23	23	23	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0						0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0							0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0													0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0																		
Lift #2 (~ -15)	0	0	0	0	0	0	0																		
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0																		
Lift #3 (~ 0)	0	0	0	0	0	0	0																		
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0																		
Lift #4 (~ +15)	0	0	0	0	0	0	0																		
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0																		
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2007				2008																					
Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																									
Sheet Pile Bulkhead Demolition																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct New Bulkhead (Install Transition Bulkhead)																									
Retaining Bulkhead Construction																									
Excavation Fronting E25 and Dispose Slip 1																									
Clamshell Dredging																									
Construct New Armor Slope																									
Rock Placement, Push Off & Tub & Orange Peels																									
Wharf Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
CY Development																									
New Container Yard Construction - Paving																									
Dredge to -55 ft																									
Clamshell Dredging																									
Demolish Existing Facilities																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Sheet Pile Bulkhead Demolition																									
Construct New Bulkhead																									
Retaining Bulkhead Construction																									
Excavation Fronting E26 and Dispose Slip 1																									
Clamshell Dredging																									
Construct New Armor Slope																									
Rock Placement, Push Off & Tub & Orange Peels																									
Wharf Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Construct E27 Bulkhead																									
Retaining Bulkhead Construction																									
CY Development																									
Vibratory Hammer & Power Pack																									
Flatbed Truck																									
Welding Machine																									
Hydraulic Dredge to -55ft																									
Clamshell Dredging																									
Seaside Railyard Area Redevelopment																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Construction																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Demolition																									
Wharf Demolition Landside																									
Railyard																									
Intermodal Yard Construction																									
Container Yard Development (F1 - F4)																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Demo Existing F1-4, F6 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct East Basin Retaining Dike																									
Rock Placement, Push Off & Tub & Orange Peels																									
Slip/Basin Fill & Surcharge East																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Roll Surcharge																									
Roll Surcharge																									
Construction - New Terminal Buildings																									
Building Construction																									
Dredge and Excavate at Quay Wall																									
Clamshell Dredging																									
Demo Existing F8-10 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct Wharf, Armor, Fill																									
Land Ex																									
Rock Placement, Push Off & Tub & Orange Peels																									

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2007				2008																				
Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Basin Fill and Surcharge West																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Settlement Period																									
Roll Surcharge																									
Remove Surcharge																									
Roll Surcharge																									
CY Development																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Hourly Total	28	28	28	28	28	35	35	38	38	33	33	89	96	96	89	94	94	94	94	94	94	86	88	75	85
Peak Hourly Total	116																								
Peak Daily Modeled Activities	221	221	221	221	221	279	279	305	305	264	264	714	768	768	714	755	755	755	755	755	755	691	707	598	679

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

																	2009													
Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*				
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*				
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	16	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	19	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

				2009																								
Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*		
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5
Wharf Demolition Landside				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7
Wharf Demolition Marine				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14
Construct New Bulkhead (Install Transition Bulkhead)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4
Excavation Fronting E25 and Dispose Slip 1				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Construct New Armor Slope				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Sheet Pile Bulkhead Demolition																												
Construct New Bulkhead																												
Retaining Bulkhead Construction																												
Excavation Fronting E26 and Dispose Slip 1																												
Clamshell Dredging																												
Construct New Armor Slope																												
Rock Placement, Push Off & Tub & Orange Peels																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
Construct E27 Bulkhead																												
Retaining Bulkhead Construction																												
CY Development																												
Vibratory Hammer & Power Pack																												
Flatbed Truck																												
Welding Machine																												
Hydraulic Dredge to -55ft																												
Clamshell Dredging																												
Seaside Railyard Area Redevelopment																												
New Container Yard Utilities																												
New Container Yard Construction - Paving																												
New Container Yard Construction - Electrical																												
Construction																												
New Container Yard Utilities																												
New Container Yard Construction - Paving																												
New Container Yard Construction - Electrical																												
Demolition																												
Wharf Demolition Landside																												
Railyard																												
Intermodal Yard Construction																												
Container Yard Development (F1 - F4)																												
New Container Yard Utilities																												
New Container Yard Construction - Paving																												
New Container Yard Construction - Electrical																												
Demo Existing F1-4, F6 Wharf																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Construct East Basin Retaining Dike																												
Rock Placement, Push Off & Tub & Orange Peels																												
Slip/Basin Fill & Surcharge East																												
Cutter Suction Dredging- Spill Barge (No Booster)																												
Cutter Suction Dredging- Land Disposal (No Booster)																												
Wick Drains																												
Roll Surcharge																												
Roll Surcharge																												
Construction - New Terminal Buildings																												
Building Construction																												
Dredge and Excavate at Quay Wall																												
Clamshell Dredging																												
Demo Existing F8-10 Wharf																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Construct Wharf, Armor, Fill																												
Land Ex																												
Rock Placement, Push Off & Tub & Orange Peels																												

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

				2009																						
Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Basin Fill and Surcharge West																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Settlement Period																										
Roll Surcharge																										
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Hourly Total	116	112	107	75	104	50	50	31	15	52	37	38	38	39	39	34	34	34	34	32	2	0	27	26	30	30
Peak Hourly Total																										
Peak Daily Modeled Activities	924	893	852	601	835	401	401	247	117	412	295	302	302	314	314	270	270	270	270	258	18	-	214	209	243	243

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

		2010																												
Water Construction - Not part of modeling analysis	*c*	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

		2010																												
Water Construction - Not part of modeling analysis	*c*	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	8	8	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	14	14	14	14	14	14	14	14	14	14	14	14	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																										0
Wharf Demolition Landside																										0
Wharf Demolition Marine																										0
Sheet Pile Bulkhead Demolition																										0
Construct New Bulkhead																										0
Retaining Bulkhead Construction																										0
Excavation Fronting E26 and Dispose Slip 1																										0
Clamshell Dredging																										0
Construct New Armor Slope																										0
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										0
Drive 24-In Octagonal Piles - Land																										0
Drive 24-In Octagonal Piles - Water																										0
Drive Piles - Misc Activities																										0
Reinforced Concrete Wharf																										0
Construct E27 Bulkhead																										0
Retaining Bulkhead Construction																										0
CY Development																										0
Vibratory Hammer & Power Pack																										0
Flatbed Truck																										0
Welding Machine																										0
Hydraulic Dredge to -55ft																										0
Clamshell Dredging																										
Seaside Railyard Area Redevelopment																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Construction																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Demolition																										0
Wharf Demolition Landside																										0
Railyard																										0
Intermodal Yard Construction																										0
Container Yard Development (F1 - F4)																										0
New Container Yard Utilities																										0
New Container Yard Construction - Paving																										0
New Container Yard Construction - Electrical																										0
Demo Existing F1-4, F6 Wharf																										0
Wharf Demolition Landside																										0
Wharf Demolition Marine																										0
Construct East Basin Retaining Dike																										0
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										0
Roll Surcharge																										0
Roll Surcharge																										0
Construction - New Terminal Buildings																										
Building Construction																										
Dredge and Excavate at Quay Wall																										
Clamshell Dredging																										
Demo Existing F8-10 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct Wharf, Armor, Fill																										
Land Ex																										
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

		2010																								
Water Construction - Not part of modeling analysis	*c*	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Basin Fill and Surcharge West																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Settlement Period																										
Roll Surcharge																										
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Hourly Total	30	27	1	1	1	1	1	0	45	45	45	77	77	77	77	67	67	67	67	67	27	27	27	27	27	27
Peak Hourly Total																										
Peak Daily Modeled Activities	243	214	6	6	6	6	6	-	364	364	364	615	615	615	615	537	537	537	537	537	217	217	217	217	217	217

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2011																												
Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2011																												
Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
New Container Yard Utilities	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
New Container Yard Construction - Paving	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	12	12	12	12	12	12	12	12	12	12	12	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0																								
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																										
Seaside Railyard Area Redevelopment																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Construction																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																										
Building Construction																										
Dredge and Excavate at Quay Wall																										
Clamshell Dredging																										
Demo Existing F8-10 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct Wharf, Armor, Fill																										
Land Ex																										
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2011																									
Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Basin Fill and Surcharge West																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Settlement Period																										
Roll Surcharge																										
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Hourly Total	27	27	27	27	27	46	46	46	46	50	50	50	50	50	50	50	30	30	33	33	33	14	14	14	14	10
Peak Hourly Total																										
Peak Daily Modeled Activities	217	217	217	217	217	370	370	370	370	403	403	403	403	403	403	403	236	242	261	261	261	112	112	112	112	84

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2012																										
Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*M*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Sheet Pile Bulkhead Demolition																											
Construct New Bulkhead																											
Retaining Bulkhead Construction																											
Excavation Fronting E24																											
Clamshell Dredging																											
Land Ex																											
Construct New Armor Slope																											
Rock Placement, Push Off & Tub & Orange Peels																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Prepare for Toe Dike / Construct Dike (1st Lift)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Fill within Dike																											
Clamshell Dredging																											
Remaining Dike Lifts																											
Rock Placement, Push Off & Tub & Orange Peels																											
Remaining Fill Lifts																											
Clamshell Dredging																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Construct South Mooring Dolphin																											
Drive 24-In Octagonal Piles - Water																											
Wick Drains																											
Wick Drains																											
Surcharge (Initial Pump, Plus Clamshell or Truck)																											
Roll Surcharge																											
Remove Surcharge to Slip 1 Fill Site																											
Roll Surcharge																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Fence, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Construct Retaining Structure at Pier D Oil Area																											
Retaining Bulkhead Construction																											
Excavate & Truck Material in Cell Bulkhead																											
Land Ex																											
Excavate Material Fronting Pier D																											
Land Ex																											
Clamshell Dredging																											
Remove Cellular Sheetpile																											
Sheet Pile Bulkhead Demolition																											
Rock Revetment																											
Rock Placement, Push Off & Tub & Orange Peels																											
Hydraulic or Clamshell Dredge to -55 ft																											
Clamshell Dredging																											
Ground Improvments Pier D																											
Stone Column Installation Eq																											
Marine Rock Delivery Eq																											
Demo - E12-13 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Lift #1 (~ -30)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #2 (~ -15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #3 (~ 0)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #4 (~ +15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Initial Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
2nd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
3rd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
4th Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
Remove Surcharge																											

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2012																									
Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		M
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																										
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																						0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	8	8	8
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	18	18	18	18	18	18	18	18	18
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																										
Seaside Railyard Area Redevelopment																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Construction																						0	0	0	0	0
New Container Yard Utilities																						0	0	0	0	0
New Container Yard Construction - Paving																						0	0	0	0	0
New Container Yard Construction - Electrical																						0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																										
Building Construction																										
Dredge and Excavate at Quay Wall																										
Clamshell Dredging																										
Demo Existing F8-10 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct Wharf, Armor, Fill																										
Land Ex																										
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2012																									
Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		M
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Retaining Bulkhead Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Basin Fill and Surcharge West																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Settlement Period																										
Roll Surcharge																										
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Hourly Total	10	10	10	10	10	10	10	10	10	10	10	10	10	63	63	63	63	63	63	63	63	63	41	40	40	40
Peak Hourly Total																										
Peak Daily Modeled Activities	84	84	84	84	84	84	84	84	84	84	84	84	84	501	501	501	501	501	501	501	501	501	328	322	322	322

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2013																										
Water Construction - Not part of modeling analysis	*ar*	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Sheet Pile Bulkhead Demolition																											
Construct New Bulkhead																											
Retaining Bulkhead Construction																											
Excavation Fronting E24																											
Clamshell Dredging																											
Land Ex																											
Construct New Armor Slope																											
Rock Placement, Push Off & Tub & Orange Peels																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Prepare for Toe Dike / Construct Dike (1st Lift)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Fill within Dike																											
Clamshell Dredging																											
Remaining Dike Lifts																											
Rock Placement, Push Off & Tub & Orange Peels																											
Remaining Fill Lifts																											
Clamshell Dredging																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Construct South Mooring Dolphin																											
Drive 24-In Octagonal Piles - Water																											
Wick Drains																											
Wick Drains																											
Surcharge (Initial Pump, Plus Clamshell or Truck)																											
Roll Surcharge																											
Remove Surcharge to Slip 1 Fill Site																											
Roll Surcharge																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Fence, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Construct Retaining Structure at Pier D Oil Area																											
Retaining Bulkhead Construction																											
Excavate & Truck Material in Cell Bulkhead																											
Land Ex																											
Excavate Material Fronting Pier D																											
Land Ex																											
Clamshell Dredging																											
Remove Cellular Sheetpile																											
Sheet Pile Bulkhead Demolition																											
Rock Revetment																											
Rock Placement, Push Off & Tub & Orange Peels																											
Hydraulic or Clamshell Dredge to -55 ft																											
Clamshell Dredging																											
Ground Improvments Pier D																											
Stone Column Installation Eq																											
Marine Rock Delivery Eq																											
Demo - E12-13 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Lift #1 (~ -30)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #2 (~ -15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #3 (~ 0)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #4 (~ +15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Initial Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
2nd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
3rd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
4th Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
Remove Surcharge																											

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2013																									
Water Construction - Not part of modeling analysis	*ar*	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Clamshell Dredging																										
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Drive 24-In Octagonal Piles - Land	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Drive 24-In Octagonal Piles - Water	11	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Drive Piles - Misc Activities	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Reinforced Concrete Wharf	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Vibratory Hammer & Power Pack	0	0	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0							
Flatbed Truck	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0							
Welding Machine	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0							
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Clamshell Dredging																										
Seaside Railyard Area Redevelopment																				0	0	0	0	0	0	0
New Container Yard Utilities																				0	0	0	0	0	0	0
New Container Yard Construction - Paving																				0	0	0	0	0	0	0
New Container Yard Construction - Electrical																				0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31
Construction - New Terminal Buildings																				0	0	0	0	0	0	0
Building Construction																				0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall																				0	0	0	0	0	0	0
Clamshell Dredging																				0	0	0	0	0	0	0
Demo Existing F8-10 Wharf																				0	0	0	0	0	0	0
Wharf Demolition Landside																				0	0	0	0	0	0	0
Wharf Demolition Marine																				0	0	0	0	0	0	0
Construct Wharf, Armor, Fill																				0	0	0	0	0	0	0
Land Ex																				0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2013																									
Water Construction - Not part of modeling analysis	*ar*	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction																				0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land																				0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water																				0	0	0	0	0	0	0
Drive Piles - Misc Activities																				0	0	0	0	0	0	0
Reinforced Concrete Wharf																				0	0	0	0	0	0	0
Basin Fill and Surcharge West																				0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																				0	0	0	0	0	0	0
Settlement Period																				0	0	0	0	0	0	0
Roll Surcharge																				0	0	0	0	0	0	0
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Hourly Total	40	40	40	22	22	22	22	22	22	22	22	43	43	43	43	43	43	22	22	22	22	53	53	53	53	53
Peak Hourly Total																										
Peak Daily Modeled Activities	322	322	322	173	173	173	173	173	173	173	173	347	347	347	347	347	347	173	173	173	173	425	425	425	425	425

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2014																										
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Sheet Pile Bulkhead Demolition																											
Construct New Bulkhead																											
Retaining Bulkhead Construction																											
Excavation Fronting E24																											
Clamshell Dredging																											
Land Ex																											
Construct New Armor Slope																											
Rock Placement, Push Off & Tub & Orange Peels																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Prepare for Toe Dike / Construct Dike (1st Lift)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Fill within Dike																											
Clamshell Dredging																											
Remaining Dike Lifts																											
Rock Placement, Push Off & Tub & Orange Peels																											
Remaining Fill Lifts																											
Clamshell Dredging																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Retaining Bulkhead Construction																											
Construct South Mooring Dolphin																											
Drive 24-In Octagonal Piles - Water																											
Wick Drains																											
Wick Drains																											
Surcharge (Initial Pump, Plus Clamshell or Truck)																											
Roll Surcharge																											
Remove Surcharge to Slip 1 Fill Site																											
Roll Surcharge																											
Utility Construction																											
New Container Yard Utilities																											
Paving																											
New Container Yard Construction - Paving																											
Lighting, Fence, Striping, Crane Power																											
New Container Yard Construction - Electrical																											
Construct Retaining Structure at Pier D Oil Area																											
Retaining Bulkhead Construction																											
Excavate & Truck Material in Cell Bulkhead																											
Land Ex																											
Excavate Material Fronting Pier D																											
Land Ex																											
Clamshell Dredging																											
Remove Cellular Sheetpile																											
Sheet Pile Bulkhead Demolition																											
Rock Revetment																											
Rock Placement, Push Off & Tub & Orange Peels																											
Hydraulic or Clamshell Dredge to -55 ft																											
Clamshell Dredging																											
Ground Improvments Pier D																											
Stone Column Installation Eq																											
Marine Rock Delivery Eq																											
Demo - E12-13 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Lift #1 (~ -30)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #2 (~ -15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #3 (~ 0)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Lift #4 (~ +15)																											
Rock Placement, Push Off & Tub & Orange Peels																											
Initial Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
2nd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
3rd Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
4th Surcharge and Wick Drains																											
Wick Drains																											
Roll Surcharge																											
Remove Surcharge																											

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2014																									
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E26 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Construct E27 Bulkhead																										
Retaining Bulkhead Construction																										
CY Development																										
Vibratory Hammer & Power Pack																										
Flatbed Truck																										
Welding Machine																										
Hydraulic Dredge to -55ft																										
Clamshell Dredging																										
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
New Container Yard Construction - Paving	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
New Container Yard Construction - Electrical	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Roll Surcharge	31	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0									
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0													0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2014																										
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																											
Cutter Suction Dredging- Land Disposal (No Booster)																											
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																											
Roll Surcharge																											
CY Development																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrical																											
Hourly Total	69	91	91	91	91	91	91	59	59	59	59	59	59	59	59	59	59	59	59	78	78	78	78	78	78	78	78
Peak Hourly Total																											
Peak Daily Modeled Activities	553	726	726	726	726	726	726	475	475	475	475	475	475	475	475	475	475	475	475	623	623	623	623	623	623	623	623

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2015																											
Water Construction - Not part of modeling analysis	*y*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Sheet Pile Bulkhead Demolition																												
Construct New Bulkhead																												
Retaining Bulkhead Construction																												
Excavation Fronting E24																												
Clamshell Dredging																												
Land Ex																												
Construct New Armor Slope																												
Rock Placement, Push Off & Tub & Orange Peels																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
Retaining Bulkhead Construction																												
Utility Construction																												
New Container Yard Utilities																												
Paving																												
New Container Yard Construction - Paving																												
Lighting, Striping, Crane Power																												
New Container Yard Construction - Electrical																												
Prepare for Toe Dike / Construct Dike (1st Lift)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Fill within Dike																												
Clamshell Dredging																												
Remaining Dike Lifts																												
Rock Placement, Push Off & Tub & Orange Peels																												
Remaining Fill Lifts																												
Clamshell Dredging																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
Retaining Bulkhead Construction																												
Construct South Mooring Dolphin																												
Drive 24-In Octagonal Piles - Water																												
Wick Drains																												
Wick Drains																												
Surcharge (Initial Pump, Plus Clamshell or Truck)																												
Roll Surcharge																												
Remove Surcharge to Slip 1 Fill Site																												
Roll Surcharge																												
Utility Construction																												
New Container Yard Utilities																												
Paving																												
New Container Yard Construction - Paving																												
Lighting, Fence, Striping, Crane Power																												
New Container Yard Construction - Electrical																												
Construct Retaining Structure at Pier D Oil Area																												
Retaining Bulkhead Construction																												
Excavate & Truck Material in Cell Bulkhead																												
Land Ex																												
Excavate Material Fronting Pier D																												
Land Ex																												
Clamshell Dredging																												
Remove Cellular Sheetpile																												
Sheet Pile Bulkhead Demolition																												
Rock Revetment																												
Rock Placement, Push Off & Tub & Orange Peels																												
Hydraulic or Clamshell Dredge to -55 ft																												
Clamshell Dredging																												
Ground Improvments Pier D																												
Stone Column Installation Eq																												
Marine Rock Delivery Eq																												
Demo - E12-13 Wharf																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Lift #1 (~ -30)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #2 (~ -15)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #3 (~ 0)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #4 (~ +15)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Initial Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
2nd Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
3rd Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
4th Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
Remove Surcharge																												

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2015																									
Water Construction - Not part of modeling analysis	*y*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E26 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Construct E27 Bulkhead																										
Retaining Bulkhead Construction																										
CY Development																										
Vibratory Hammer & Power Pack																										
Flatbed Truck																										
Welding Machine																										
Hydraulic Dredge to -55ft																										
Clamshell Dredging																										
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0
New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
New Container Yard Utilities	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0											
New Container Yard Construction - Paving	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0											
New Container Yard Construction - Electrical	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0											
Demolition																										
Wharf Demolition Landside																										
Railyard																										
Intermodal Yard Construction																										
Container Yard Development (F1 - F4)																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Demo Existing F1-4, F6 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct East Basin Retaining Dike																										
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Roll Surcharge																										
Roll Surcharge																										
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	11	11	11	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2015																									
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Drive Piles - Misc Activities	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Reinforced Concrete Wharf	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge																0	0	0	0	0	0	0	0	0	0	0
CY Development																0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities																0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving																0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical																0	0	0	0	0	0	0	0	0	0	0
Hourly Total	78	78	78	78	78	99	99	77	77	77	77	78	78	78	78	78	78	78	78	56	56	56	56	40	40	40
Peak Hourly Total																										
Peak Daily Modeled Activities	623	623	623	623	623	789	789	616	616	616	616	622	622	622	622	622	622	622	622	448	448	448	448	321	321	321

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2016													2017												
Water Construction - Not part of modeling analysis	*n*	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E24																										
Clamshell Dredging																										
Land Ex																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Retaining Bulkhead Construction																										
Utility Construction																										
New Container Yard Utilities																										
Paving																										
New Container Yard Construction - Paving																										
Lighting, Striping, Crane Power																										
New Container Yard Construction - Electrical																										
Prepare for Toe Dike / Construct Dike (1st Lift)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Fill within Dike																										
Clamshell Dredging																										
Remaining Dike Lifts																										
Rock Placement, Push Off & Tub & Orange Peels																										
Remaining Fill Lifts																										
Clamshell Dredging																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Retaining Bulkhead Construction																										
Construct South Mooring Dolphin																										
Drive 24-In Octagonal Piles - Water																										
Wick Drains																										
Wick Drains																										
Surcharge (Initial Pump, Plus Clamshell or Truck)																										
Roll Surcharge																										
Remove Surcharge to Slip 1 Fill Site																										
Roll Surcharge																										
Utility Construction																										
New Container Yard Utilities																										
Paving																										
New Container Yard Construction - Paving																										
Lighting, Fence, Striping, Crane Power																										
New Container Yard Construction - Electrical																										
Construct Retaining Structure at Pier D Oil Area																										
Retaining Bulkhead Construction																										
Excavate & Truck Material in Cell Bulkhead																										
Land Ex																										
Excavate Material Fronting Pier D																										
Land Ex																										
Clamshell Dredging																										
Remove Cellular Sheetpile																										
Sheet Pile Bulkhead Demolition																										
Rock Revetment																										
Rock Placement, Push Off & Tub & Orange Peels																										
Hydraulic or Clamshell Dredge to -55 ft																										
Clamshell Dredging																										
Ground Improvments Pier D																										
Stone Column Installation Eq																										
Marine Rock Delivery Eq																										
Demo - E12-13 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Lift #1 (~ -30)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #2 (~ -15)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #3 (~ 0)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #4 (~ +15)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Initial Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
2nd Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
3rd Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
4th Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
Remove Surcharge																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2016													2017												
Water Construction - Not part of modeling analysis	*n*	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E26 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Construct E27 Bulkhead																										
Retaining Bulkhead Construction																										
CY Development																										
Vibratory Hammer & Power Pack																										
Flatbed Truck																										
Welding Machine																										
Hydraulic Dredge to -55ft																										
Clamshell Dredging																										
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0													
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0													
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0													
Construction																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Demolition																										
Wharf Demolition Landside																										
Railyard																										
Intermodal Yard Construction																										
Container Yard Development (F1 - F4)																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrical																										
Demo Existing F1-4, F6 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct East Basin Retaining Dike																										
Rock Placement, Push Off & Tub & Orange Peels																										
Slip/Basin Fill & Surcharge East																										
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains																										
Roll Surcharge																										
Roll Surcharge																										
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																										

A.2.2.1-4-Alt1-Alternative 1 Construction Peak Hourly NOx Emissions

	2016													2017												
Water Construction - Not part of modeling analysis	*n*	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Retaining Bulkhead Construction	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	31	31	31	31	31	31	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Hourly Total	40	71	71	71	71	71	71	31	31	31	31	31	31	31	31	31	31	31	31	53	53	53	53	53	53	22
Peak Hourly Total																										
Peak Daily Modeled Activities	321	566	566	566	566	566	566	251	251	251	251	251	251	251	251	251	251	251	251	425	425	425	425	425	425	173

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

		2007				2008																
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0									0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	2	2	2	2	2	2	2	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0																		
	Fill within Dike	0	0	0																		
	Clamshell Dredging	0	0	0																		
	Remaining Dike Lifts	0	0	0																		
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0																		
	Remaining Fill Lifts	0	0	0																		
	Clamshell Dredging	0	0	0																		
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0										
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0													
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0													
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0													

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

		2007				2008																
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0													
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0													
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Lanc																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Lanc																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrica																					

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

		2007				2008																	
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-5	Construction																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 1-5	New Container Yard Construction - Electrica																						
Ph 2-1	Demolition																						
	Wharf Demolition Landside																						
	Railyard																						
	Intermodal Yard Construction																						
	Container Yard Development (F1 - F4)																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
	New Container Yard Construction - Electrica																						
	Demo Existing F1-4, F6 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct East Basin Retaining Dike																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Slip/Basin Fill & Surcharge East																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Roll Surcharge																						
Ph 2-1	Roll Surcharge																						
Ph 2-2	Construction - New Terminal Buildings																						
	Building Construction																						
	Dredge and Excavate at Quay Wall																						
	Clamshell Dredging																						
	Demo Existing F8-10 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct Wharf, Armor, Fill																						
	Land Ex																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Retaining Bulkhead Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Basin Fill and Surcharge West																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Settlement Period																						
Ph 2-2	Roll Surcharge																						
Ph 2-3	Remove Surcharge																						
	Roll Surcharge																						
	CY Development																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 2-3	New Container Yard Construction - Electrica																						
	Hourly Total	8	8	8	8	8	10	10	11	11	9	9	24	26	26	24	26	26	26	26	26	26
	Peak Hourly Total	32.5																				

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

								2009																	
Water Construction - Not part of modeling analysis	*ep*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																				0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft																				0	0	0	0	0	0
Clamshell Dredging																				0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0															0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																								0	0
Lift #2 (~ -15)																								0	0
Rock Placement, Push Off & Tub & Orange Peels																								0	0
Lift #3 (~ 0)																								0	0

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

								2009																	
Water Construction - Not part of modeling analysis	*ep*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																							0	0	0
Lift #4 (~ +15)																							0	0	0
Rock Placement, Push Off & Tub & Orange Peels																							0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Armor Slope								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Sheet Pile Bulkhead Demolition																									
Construct New Bulkhead																									
Retaining Bulkhead Construction																									
Excavation Fronting E26 and Dispose Slip 1																									
Clamshell Dredging																									
Construct New Armor Slope																									
Rock Placement, Push Off & Tub & Orange Peels																									
Wharf Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Construct E27 Bulkhead																									
Retaining Bulkhead Construction																									
CY Development																									
Vibratory Hammer & Power Pack																									
Flatbed Truck																									
Welding Machine																									
Hydraulic Dredge to -55ft																									
Clamshell Dredging																									
Seaside Railyard Area Redevelopment																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrica																									

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

								2009																	
Water Construction - Not part of modeling analysis	*ep*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrica																									
Demolition																									
Wharf Demolition Landside																									
Railyard																									
Intermodal Yard Construction																									
Container Yard Development (F1 - F4)																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrica																									
Demo Existing F1-4, F6 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct East Basin Retaining Dike																									
Rock Placement, Push Off & Tub & Orange Peels																									
Slip/Basin Fill & Surcharge East																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Roll Surcharge																									
Roll Surcharge																									
Construction - New Terminal Buildings																									
Building Construction																									
Dredge and Excavate at Quay Wall																									
Clamshell Dredging																									
Demo Existing F8-10 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct Wharf, Armor, Fill																									
Land Ex																									
Rock Placement, Push Off & Tub & Orange Peels																									
Retaining Bulkhead Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Basin Fill and Surcharge West																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Settlement Period																									
Roll Surcharge																									
Remove Surcharge																									
Roll Surcharge																									
CY Development																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrica																									
Hourly Total	24	24	20	23	33	31	30	20	28	14	14	8	4	15	11	11	11	12	12	10	10	10	10	10	1
Peak Hourly Total																									

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

							2010																				
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	9	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0																0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0																0	0	0	0	0	0	0
Demolish Existing Facilities																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Sheet Pile Bulkhead Demolition																											
Construct New Bulkhead																											
Retaining Bulkhead Construction																											
Excavation Fronting E26 and Dispose Slip 1																											
Clamshell Dredging																											
Construct New Armor Slope																											
Rock Placement, Push Off & Tub & Orange Peels																											
Wharf Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Construct E27 Bulkhead																											
Retaining Bulkhead Construction																											
CY Development																											
Vibratory Hammer & Power Pack																											
Flatbed Truck																											
Welding Machine																											
Hydraulic Dredge to -55ft																											
Clamshell Dredging																											
Seaside Railyard Area Redevelopment																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

							2010																				
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Construction																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											
Demolition																											
Wharf Demolition Landside																											
Railyard																											
Intermodal Yard Construction																											
Container Yard Development (F1 - F4)																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											
Demo Existing F1-4, F6 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Construct East Basin Retaining Dike																											
Rock Placement, Push Off & Tub & Orange Peels																											
Slip/Basin Fill & Surcharge East																											
Cutter Suction Dredging- Spill Barge (No Booster)																											
Cutter Suction Dredging- Land Disposal (No Booster)																											
Wick Drains																											
Roll Surcharge																											
Roll Surcharge																											
Construction - New Terminal Buildings																											
Building Construction																											
Dredge and Excavate at Quay Wall																											
Clamshell Dredging																											
Demo Existing F8-10 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Construct Wharf, Armor, Fill																											
Land Ex																											
Rock Placement, Push Off & Tub & Orange Peels																											
Retaining Bulkhead Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Basin Fill and Surcharge West																											
Cutter Suction Dredging- Spill Barge (No Booster)																											
Cutter Suction Dredging- Land Disposal (No Booster)																											
Wick Drains																											
Settlement Period																											
Roll Surcharge																											
Remove Surcharge																											
Roll Surcharge																											
CY Development																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											
Hourly Total	0	8	8	9	9	9	8	0	0	0	0	0	0	13	13	13	23	23	23	23	19	19	19	19	19	8	8
Peak Hourly Total																											

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

				2011																							
Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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				2011																								
Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside				0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0
Wharf Demolition Marine				0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition				0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0
Construct New Bulkhead				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
Excavation Fronting E26 and Dispose Slip 1				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Construct New Armor Slope				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CY Development				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Seaside Railyard Area Redevelopment																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

				2011																							
Water Construction - Not part of modeling analysis	ov	Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Construction																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											
Demolition				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside				0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	0	0	0	0	0
Railyard				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4
Container Yard Development (F1 - F4)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside				0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Wharf Demolition Marine				0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Construct East Basin Retaining Dike				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																											
Slip/Basin Fill & Surcharge East																											
Cutter Suction Dredging- Spill Barge (No Booster)																											
Cutter Suction Dredging- Land Disposal (No Booster)																											
Wick Drains				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																											
Building Construction																											
Dredge and Excavate at Quay Wall																											
Clamshell Dredging																											
Demo Existing F8-10 Wharf																											
Wharf Demolition Landside																											
Wharf Demolition Marine																											
Construct Wharf, Armor, Fill																											
Land Ex																											
Rock Placement, Push Off & Tub & Orange Peels																											
Retaining Bulkhead Construction																											
Drive 24-In Octagonal Piles - Land																											
Drive 24-In Octagonal Piles - Water																											
Drive Piles - Misc Activities																											
Reinforced Concrete Wharf																											
Basin Fill and Surcharge West																											
Cutter Suction Dredging- Spill Barge (No Booster)																											
Cutter Suction Dredging- Land Disposal (No Booster)																											
Wick Drains																											
Settlement Period																											
Roll Surcharge																											
Remove Surcharge																											
Roll Surcharge																											
CY Development																											
New Container Yard Utilities																											
New Container Yard Construction - Paving																											
New Container Yard Construction - Electrica																											
Hourly Total	8	8	8	8	8	8	8	8	8	14	14	14	14	16	16	16	16	16	16	16	9	10	11	11	11	5	5
Peak Hourly Total																											

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2012																					
Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																						
Wharf Demolition Landside																						
Wharf Demolition Marine																						
Sheet Pile Bulkhead Demolition																						
Construct New Bulkhead																						
Retaining Bulkhead Construction																						
Excavation Fronting E24																						
Clamshell Dredging																						
Land Ex																						
Construct New Armor Slope																						
Rock Placement, Push Off & Tub & Orange Peels																						
Wharf Construction																						
Drive 24-In Octagonal Piles - Land																						
Drive 24-In Octagonal Piles - Water																						
Drive Piles - Misc Activities																						
Reinforced Concrete Wharf																						
Retaining Bulkhead Construction																						
Utility Construction																						
New Container Yard Utilities																						
Paving																						
New Container Yard Construction - Paving																						
Lighting, Striping, Crane Power																						
New Container Yard Construction - Electrica																						
Prepare for Toe Dike / Construct Dike (1st Lift)																						
Rock Placement, Push Off & Tub & Orange Peels																						
Fill within Dike																						
Clamshell Dredging																						
Remaining Dike Lifts																						
Rock Placement, Push Off & Tub & Orange Peels																						
Remaining Fill Lifts																						
Clamshell Dredging																						
Wharf Construction																						
Drive 24-In Octagonal Piles - Land																						
Drive 24-In Octagonal Piles - Water																						
Drive Piles - Misc Activities																						
Reinforced Concrete Wharf																						
Retaining Bulkhead Construction																						
Construct South Mooring Dolphin																						
Drive 24-In Octagonal Piles - Water																						
Wick Drains																						
Wick Drains																						
Surcharge (Initial Pump, Plus Clamshell or Truck)																						
Roll Surcharge																						
Remove Surcharge to Slip 1 Fill Site																						
Roll Surcharge																						
Utility Construction																						
New Container Yard Utilities																						
Paving																						
New Container Yard Construction - Paving																						
Lighting, Fence, Striping, Crane Power																						
New Container Yard Construction - Electrica																						
Construct Retaining Structure at Pier D Oil Area																						
Retaining Bulkhead Construction																						
Excavate & Truck Material in Cell Bulkhead																						
Land Ex																						
Excavate Material Fronting Pier D																						
Land Ex																						
Clamshell Dredging																						
Remove Cellular Sheetpile																						
Sheet Pile Bulkhead Demolition																						
Rock Revetment																						
Rock Placement, Push Off & Tub & Orange Peels																						
Hydraulic or Clamshell Dredge to -55 ft																						
Clamshell Dredging																						
Ground Improvments Pier D																						
Stone Column Installation Eq																						
Marine Rock Delivery Eq																						
Demo - E12-13 Wharf																						
Wharf Demolition Landside																						
Wharf Demolition Marine																						
Lift #1 (~ -30)																						
Rock Placement, Push Off & Tub & Orange Peels																						
Lift #2 (~ -15)																						
Rock Placement, Push Off & Tub & Orange Peels																						
Lift #3 (~ 0)																						

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2012																					
Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																						
Lift #4 (~ +15)																						
Rock Placement, Push Off & Tub & Orange Peels																						
Initial Surcharge and Wick Drains																						
Wick Drains																						
Roll Surcharge																						
2nd Surcharge and Wick Drains																						
Wick Drains																						
Roll Surcharge																						
3rd Surcharge and Wick Drains																						
Wick Drains																						
Roll Surcharge																						
4th Surcharge and Wick Drains																						
Wick Drains																						
Roll Surcharge																						
Remove Surcharge																						
Roll Surcharge																						
Container Yard Development																						
New Container Yard Utilities																						
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrica																						
POLB Ocean Blvd Track Reconfiguration																						
Triple Track Installation Demo Eq																						
Triple Track Utility Relocation Eq																						
Triple Track Grading Eq																						
Triple Track Retaining Wall Eq																						
Triple Track Trackwork Eq																						
Triple Track Miscellaneous Eq																						
Demolish Existing Facilities																						
Sheet Pile Bulkhead Demolition																						
Wharf Demolition Landside																						
Wharf Demolition Marine																						
Construct New Bulkhead (Install Transition Bulkhead)																						
Retaining Bulkhead Construction																						
Excavation Fronting E25 and Dispose Slip 1																						
Clamshell Dredging																						
Construct New Armor Slope																						
Rock Placement, Push Off & Tub & Orange Peels																						
Wharf Construction																						
Drive 24-In Octagonal Piles - Land																						
Drive 24-In Octagonal Piles - Water																						
Drive Piles - Misc Activities																						
Reinforced Concrete Wharf																						
CY Development																						
New Container Yard Construction - Paving																						
Dredge to -55 ft																						
Clamshell Dredging																						
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0
Seaside Railyard Area Redevelopment																						
New Container Yard Utilities																						
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrica																						

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2012																					
Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction																						
New Container Yard Utilities																						
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrica																						
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																						
Slip/Basin Fill & Surcharge East																						
Cutter Suction Dredging- Spill Barge (No Booster)																						
Cutter Suction Dredging- Land Disposal (No Booster)																						
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																						
Building Construction																						
Dredge and Excavate at Quay Wall																						
Clamshell Dredging																						
Demo Existing F8-10 Wharf																						
Wharf Demolition Landside																						
Wharf Demolition Marine																						
Construct Wharf, Armor, Fill																						
Land Ex																						
Rock Placement, Push Off & Tub & Orange Peels																						
Retaining Bulkhead Construction																						
Drive 24-In Octagonal Piles - Land																						
Drive 24-In Octagonal Piles - Water																						
Drive Piles - Misc Activities																						
Reinforced Concrete Wharf																						
Basin Fill and Surcharge West																						
Cutter Suction Dredging- Spill Barge (No Booster)																						
Cutter Suction Dredging- Land Disposal (No Booster)																						
Wick Drains																						
Settlement Period																						
Roll Surcharge																						
Remove Surcharge																						
Roll Surcharge																						
CY Development																						
New Container Yard Utilities																						
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrica																						
Hourly Total	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	20	20	20	20	20	20
Peak Hourly Total																						

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

			2013																									
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Sheet Pile Bulkhead Demolition																												
Construct New Bulkhead																												
Retaining Bulkhead Construction																												
Excavation Fronting E24																												
Clamshell Dredging																												
Land Ex																												
Construct New Armor Slope																												
Rock Placement, Push Off & Tub & Orange Peels																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
Retaining Bulkhead Construction																												
Utility Construction																												
New Container Yard Utilities																												
Paving																												
New Container Yard Construction - Paving																												
Lighting, Striping, Crane Power																												
New Container Yard Construction - Electrica																												
Prepare for Toe Dike / Construct Dike (1st Lift)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Fill within Dike																												
Clamshell Dredging																												
Remaining Dike Lifts																												
Rock Placement, Push Off & Tub & Orange Peels																												
Remaining Fill Lifts																												
Clamshell Dredging																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
Retaining Bulkhead Construction																												
Construct South Mooring Dolphin																												
Drive 24-In Octagonal Piles - Water																												
Wick Drains																												
Wick Drains																												
Surcharge (Initial Pump, Plus Clamshell or Truck)																												
Roll Surcharge																												
Remove Surcharge to Slip 1 Fill Site																												
Roll Surcharge																												
Utility Construction																												
New Container Yard Utilities																												
Paving																												
New Container Yard Construction - Paving																												
Lighting, Fence, Striping, Crane Power																												
New Container Yard Construction - Electrica																												
Construct Retaining Structure at Pier D Oil Area																												
Retaining Bulkhead Construction																												
Excavate & Truck Material in Cell Bulkhead																												
Land Ex																												
Excavate Material Fronting Pier D																												
Land Ex																												
Clamshell Dredging																												
Remove Cellular Sheetpile																												
Sheet Pile Bulkhead Demolition																												
Rock Revetment																												
Rock Placement, Push Off & Tub & Orange Peels																												
Hydraulic or Clamshell Dredge to -55 ft																												
Clamshell Dredging																												
Ground Improvments Pier D																												
Stone Column Installation Eq																												
Marine Rock Delivery Eq																												
Demo - E12-13 Wharf																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Lift #1 (~ -30)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #2 (~ -15)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #3 (~ 0)																												

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

			2013																									
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																												
Lift #4 (~ +15)																												
Rock Placement, Push Off & Tub & Orange Peels																												
Initial Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
2nd Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
3rd Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
4th Surcharge and Wick Drains																												
Wick Drains																												
Roll Surcharge																												
Remove Surcharge																												
Roll Surcharge																												
Container Yard Development																												
New Container Yard Utilities																												
New Container Yard Construction - Paving																												
New Container Yard Construction - Electrica																												
POLB Ocean Blvd Track Reconfiguration																												
Triple Track Installation Demo Eq																												
Triple Track Utility Relocation Eq																												
Triple Track Grading Eq																												
Triple Track Retaining Wall Eq																												
Triple Track Trackwork Eq																												
Triple Track Miscellaneous Eq																												
Demolish Existing Facilities																												
Sheet Pile Bulkhead Demolition																												
Wharf Demolition Landside																												
Wharf Demolition Marine																												
Construct New Bulkhead (Install Transition Bulkhead)																												
Retaining Bulkhead Construction																												
Excavation Fronting E25 and Dispose Slip 1																												
Clamshell Dredging																												
Construct New Armor Slope																												
Rock Placement, Push Off & Tub & Orange Peels																												
Wharf Construction																												
Drive 24-In Octagonal Piles - Land																												
Drive 24-In Octagonal Piles - Water																												
Drive Piles - Misc Activities																												
Reinforced Concrete Wharf																												
CY Development																												
New Container Yard Construction - Paving																												
Dredge to -55 ft																												
Clamshell Dredging																												
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Drive 24-In Octagonal Piles - Land	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Drive 24-In Octagonal Piles - Water	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Drive Piles - Misc Activities	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Reinforced Concrete Wharf	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0		
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0		
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Seaside Railyard Area Redevelopment																											0	0
New Container Yard Utilities																											0	0
New Container Yard Construction - Paving																											0	0
New Container Yard Construction - Electrica																											0	0

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

			2013																									
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4
New Container Yard Construction - Paving			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
New Container Yard Construction - Electrica			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																												
Slip/Basin Fill & Surcharge East																												
Cutter Suction Dredging- Spill Barge (No Booster)																												
Cutter Suction Dredging- Land Disposal (No Booster)																												
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																											0	0
Building Construction																											0	0
Dredge and Excavate at Quay Wall																											0	0
Clamshell Dredging																											0	0
Demo Existing F8-10 Wharf																											0	0
Wharf Demolition Landside																											0	0
Wharf Demolition Marine																											0	0
Construct Wharf, Armor, Fill																											0	0
Land Ex																											0	0
Rock Placement, Push Off & Tub & Orange Peels																											0	0
Retaining Bulkhead Construction																											0	0
Drive 24-In Octagonal Piles - Land																											0	0
Drive 24-In Octagonal Piles - Water																											0	0
Drive Piles - Misc Activities																											0	0
Reinforced Concrete Wharf																											0	0
Basin Fill and Surcharge West																											0	0
Cutter Suction Dredging- Spill Barge (No Booster)																												
Cutter Suction Dredging- Land Disposal (No Booster)																												
Wick Drains																											0	0
Settlement Period																											0	0
Roll Surcharge																											0	0
Remove Surcharge																												
Roll Surcharge																												
CY Development																												
New Container Yard Utilities																												
New Container Yard Construction - Paving																												
New Container Yard Construction - Electrica																												
Hourly Total	20	20	20	13	13	13	13	13	13	13	6	6	6	6	6	6	6	6	12	12	12	12	12	12	6	6	6	6
Peak Hourly Total																												

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2014																									
Water Construction - Not part of modeling analysis	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E24																										
Clamshell Dredging																										
Land Ex																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Retaining Bulkhead Construction																										
Utility Construction																										
New Container Yard Utilities																										
Paving																										
New Container Yard Construction - Paving																										
Lighting, Striping, Crane Power																										
New Container Yard Construction - Electrica																										
Prepare for Toe Dike / Construct Dike (1st Lift)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Fill within Dike																										
Clamshell Dredging																										
Remaining Dike Lifts																										
Rock Placement, Push Off & Tub & Orange Peels																										
Remaining Fill Lifts																										
Clamshell Dredging																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Retaining Bulkhead Construction																										
Construct South Mooring Dolphin																										
Drive 24-In Octagonal Piles - Water																										
Wick Drains																										
Wick Drains																										
Surcharge (Initial Pump, Plus Clamshell or Truck)																										
Roll Surcharge																										
Remove Surcharge to Slip 1 Fill Site																										
Roll Surcharge																										
Utility Construction																										
New Container Yard Utilities																										
Paving																										
New Container Yard Construction - Paving																										
Lighting, Fence, Striping, Crane Power																										
New Container Yard Construction - Electrica																										
Construct Retaining Structure at Pier D Oil Area																										
Retaining Bulkhead Construction																										
Excavate & Truck Material in Cell Bulkhead																										
Land Ex																										
Excavate Material Fronting Pier D																										
Land Ex																										
Clamshell Dredging																										
Remove Cellular Sheetpile																										
Sheet Pile Bulkhead Demolition																										
Rock Revetment																										
Rock Placement, Push Off & Tub & Orange Peels																										
Hydraulic or Clamshell Dredge to -55 ft																										
Clamshell Dredging																										
Ground Improvments Pier D																										
Stone Column Installation Eq																										
Marine Rock Delivery Eq																										
Demo - E12-13 Wharf																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Lift #1 (~ -30)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #2 (~ -15)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #3 (~ 0)																										

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2014																									
Water Construction - Not part of modeling analysis	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																										
Lift #4 (~ +15)																										
Rock Placement, Push Off & Tub & Orange Peels																										
Initial Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
2nd Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
3rd Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
4th Surcharge and Wick Drains																										
Wick Drains																										
Roll Surcharge																										
Remove Surcharge																										
Roll Surcharge																										
Container Yard Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrica																										
POLB Ocean Blvd Track Reconfiguration																										
Triple Track Installation Demo Eq																										
Triple Track Utility Relocation Eq																										
Triple Track Grading Eq																										
Triple Track Retaining Wall Eq																										
Triple Track Trackwork Eq																										
Triple Track Miscellaneous Eq																										
Demolish Existing Facilities																										
Sheet Pile Bulkhead Demolition																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Construct New Bulkhead (Install Transition Bulkhead)																										
Retaining Bulkhead Construction																										
Excavation Fronting E25 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
CY Development																										
New Container Yard Construction - Paving																										
Dredge to -55 ft																										
Clamshell Dredging																										
Demolish Existing Facilities																										
Wharf Demolition Landside																										
Wharf Demolition Marine																										
Sheet Pile Bulkhead Demolition																										
Construct New Bulkhead																										
Retaining Bulkhead Construction																										
Excavation Fronting E26 and Dispose Slip 1																										
Clamshell Dredging																										
Construct New Armor Slope																										
Rock Placement, Push Off & Tub & Orange Peels																										
Wharf Construction																										
Drive 24-In Octagonal Piles - Land																										
Drive 24-In Octagonal Piles - Water																										
Drive Piles - Misc Activities																										
Reinforced Concrete Wharf																										
Construct E27 Bulkhead																										
Retaining Bulkhead Construction																										
CY Development																										
Vibratory Hammer & Power Pack																										
Flatbed Truck																										
Welding Machine																										
Hydraulic Dredge to -55ft																										
Clamshell Dredging																										
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
New Container Yard Construction - Paving	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2014																									
Water Construction - Not part of modeling analysis	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Slip/Basin Fill & Surcharge East									0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Cutter Suction Dredging- Spill Barge (No Booster)									0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Cutter Suction Dredging- Land Disposal (No Booster)									0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Roll Surcharge	0	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0				
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0													
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																										
Cutter Suction Dredging- Land Disposal (No Booster)																										
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																										
Roll Surcharge																										
CY Development																										
New Container Yard Utilities																										
New Container Yard Construction - Paving																										
New Container Yard Construction - Electrica																										
Hourly Total	6	16	16	16	16	20	26	26	26	26	26	26	26	17	17	17	17	17	17	17	17	17	17	17	23	23
Peak Hourly Total																										

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2015																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Sheet Pile Bulkhead Demolition																								
Construct New Bulkhead																								
Retaining Bulkhead Construction																								
Excavation Fronting E24																								
Clamshell Dredging																								
Land Ex																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Retaining Bulkhead Construction																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Striping, Crane Power																								
New Container Yard Construction - Electrica																								
Prepare for Toe Dike / Construct Dike (1st Lift)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Fill within Dike																								
Clamshell Dredging																								
Remaining Dike Lifts																								
Rock Placement, Push Off & Tub & Orange Peels																								
Remaining Fill Lifts																								
Clamshell Dredging																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Retaining Bulkhead Construction																								
Construct South Mooring Dolphin																								
Drive 24-In Octagonal Piles - Water																								
Wick Drains																								
Wick Drains																								
Surcharge (Initial Pump, Plus Clamshell or Truck)																								
Roll Surcharge																								
Remove Surcharge to Slip 1 Fill Site																								
Roll Surcharge																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Fence, Striping, Crane Power																								
New Container Yard Construction - Electrica																								
Construct Retaining Structure at Pier D Oil Area																								
Retaining Bulkhead Construction																								
Excavate & Truck Material in Cell Bulkhead																								
Land Ex																								
Excavate Material Fronting Pier D																								
Land Ex																								
Clamshell Dredging																								
Remove Cellular Sheetpile																								
Sheet Pile Bulkhead Demolition																								
Rock Revetment																								
Rock Placement, Push Off & Tub & Orange Peels																								
Hydraulic or Clamshell Dredge to -55 ft																								
Clamshell Dredging																								
Ground Improvments Pier D																								
Stone Column Installation Eq																								
Marine Rock Delivery Eq																								
Demo - E12-13 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Lift #1 (~ -30)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #2 (~ -15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #3 (~ 0)																								

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2015																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #4 (~ +15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Initial Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
2nd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
3rd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
4th Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
Remove Surcharge																								
Roll Surcharge																								
Container Yard Development																								
New Container Yard Utilities																								
New Container Yard Construction - Paving																								
New Container Yard Construction - Electrica																								
POLB Ocean Blvd Track Reconfiguration																								
Triple Track Installation Demo Eq																								
Triple Track Utility Relocation Eq																								
Triple Track Grading Eq																								
Triple Track Retaining Wall Eq																								
Triple Track Trackwork Eq																								
Triple Track Miscellaneous Eq																								
Demolish Existing Facilities																								
Sheet Pile Bulkhead Demolition																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Construct New Bulkhead (Install Transition Bulkhead)																								
Retaining Bulkhead Construction																								
Excavation Fronting E25 and Dispose Slip 1																								
Clamshell Dredging																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
CY Development																								
New Container Yard Construction - Paving																								
Dredge to -55 ft																								
Clamshell Dredging																								
Demolish Existing Facilities																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Sheet Pile Bulkhead Demolition																								
Construct New Bulkhead																								
Retaining Bulkhead Construction																								
Excavation Fronting E26 and Dispose Slip 1																								
Clamshell Dredging																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Construct E27 Bulkhead																								
Retaining Bulkhead Construction																								
CY Development																								
Vibratory Hammer & Power Pack																								
Flatbed Truck																								
Welding Machine																								
Hydraulic Dredge to -55ft																								
Clamshell Dredging																								
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2015																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0				
New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0				
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Demolition																								
Wharf Demolition Landside																								
Railyard																								
Intermodal Yard Construction																								
Container Yard Development (F1 - F4)																								
New Container Yard Utilities																								
New Container Yard Construction - Paving																								
New Container Yard Construction - Electrica																								
Demo Existing F1-4, F6 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Construct East Basin Retaining Dike																								
Rock Placement, Push Off & Tub & Orange Peels																								
Slip/Basin Fill & Surcharge East																								
Cutter Suction Dredging- Spill Barge (No Booster)																								
Cutter Suction Dredging- Land Disposal (No Booster)																								
Wick Drains																								
Roll Surcharge																								
Roll Surcharge																								
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging														0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0														
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																								
Cutter Suction Dredging- Land Disposal (No Booster)																								
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																					0	0	0	0
Roll Surcharge																					0	0	0	0
CY Development																					0	0	0	0
New Container Yard Utilities																					0	0	0	0
New Container Yard Construction - Paving																					0	0	0	0
New Container Yard Construction - Electrica																					0	0	0	0
Hourly Total	23	23	23	23	23	23	23	23	23	23	31	31	24	24	24	24	25	25	25	25	25	25	25	25
Peak Hourly Total																								

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2016																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Sheet Pile Bulkhead Demolition																								
Construct New Bulkhead																								
Retaining Bulkhead Construction																								
Excavation Fronting E24																								
Clamshell Dredging																								
Land Ex																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Retaining Bulkhead Construction																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Striping, Crane Power																								
New Container Yard Construction - Electrica																								
Prepare for Toe Dike / Construct Dike (1st Lift)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Fill within Dike																								
Clamshell Dredging																								
Remaining Dike Lifts																								
Rock Placement, Push Off & Tub & Orange Peels																								
Remaining Fill Lifts																								
Clamshell Dredging																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Retaining Bulkhead Construction																								
Construct South Mooring Dolphin																								
Drive 24-In Octagonal Piles - Water																								
Wick Drains																								
Wick Drains																								
Surcharge (Initial Pump, Plus Clamshell or Truck)																								
Roll Surcharge																								
Remove Surcharge to Slip 1 Fill Site																								
Roll Surcharge																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Fence, Striping, Crane Power																								
New Container Yard Construction - Electrica																								
Construct Retaining Structure at Pier D Oil Area																								
Retaining Bulkhead Construction																								
Excavate & Truck Material in Cell Bulkhead																								
Land Ex																								
Excavate Material Fronting Pier D																								
Land Ex																								
Clamshell Dredging																								
Remove Cellular Sheetpile																								
Sheet Pile Bulkhead Demolition																								
Rock Revetment																								
Rock Placement, Push Off & Tub & Orange Peels																								
Hydraulic or Clamshell Dredge to -55 ft																								
Clamshell Dredging																								
Ground Improvments Pier D																								
Stone Column Installation Eq																								
Marine Rock Delivery Eq																								
Demo - E12-13 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Lift #1 (~ -30)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #2 (~ -15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #3 (~ 0)																								

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2016																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #4 (~ +15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Initial Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
2nd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
3rd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
4th Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
Remove Surcharge																								
Roll Surcharge																								
Container Yard Development																								
New Container Yard Utilities																								
New Container Yard Construction - Paving																								
New Container Yard Construction - Electrica																								
POLB Ocean Blvd Track Reconfiguration																								
Triple Track Installation Demo Eq																								
Triple Track Utility Relocation Eq																								
Triple Track Grading Eq																								
Triple Track Retaining Wall Eq																								
Triple Track Trackwork Eq																								
Triple Track Miscellaneous Eq																								
Demolish Existing Facilities																								
Sheet Pile Bulkhead Demolition																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Construct New Bulkhead (Install Transition Bulkhead)																								
Retaining Bulkhead Construction																								
Excavation Fronting E25 and Dispose Slip 1																								
Clamshell Dredging																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
CY Development																								
New Container Yard Construction - Paving																								
Dredge to -55 ft																								
Clamshell Dredging																								
Demolish Existing Facilities																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Sheet Pile Bulkhead Demolition																								
Construct New Bulkhead																								
Retaining Bulkhead Construction																								
Excavation Fronting E26 and Dispose Slip 1																								
Clamshell Dredging																								
Construct New Armor Slope																								
Rock Placement, Push Off & Tub & Orange Peels																								
Wharf Construction																								
Drive 24-In Octagonal Piles - Land																								
Drive 24-In Octagonal Piles - Water																								
Drive Piles - Misc Activities																								
Reinforced Concrete Wharf																								
Construct E27 Bulkhead																								
Retaining Bulkhead Construction																								
CY Development																								
Vibratory Hammer & Power Pack																								
Flatbed Truck																								
Welding Machine																								
Hydraulic Dredge to -55ft																								
Clamshell Dredging																								
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2016																							
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction																								
New Container Yard Utilities																								
New Container Yard Construction - Paving																								
New Container Yard Construction - Electrica																								
Demolition																								
Wharf Demolition Landside																								
Railyard																								
Intermodal Yard Construction																								
Container Yard Development (F1 - F4)																								
New Container Yard Utilities																								
New Container Yard Construction - Paving																								
New Container Yard Construction - Electrica																								
Demo Existing F1-4, F6 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Construct East Basin Retaining Dike																								
Rock Placement, Push Off & Tub & Orange Peels																								
Slip/Basin Fill & Surcharge East																								
Cutter Suction Dredging- Spill Barge (No Booster)																								
Cutter Suction Dredging- Land Disposal (No Booster)																								
Wick Drains																								
Roll Surcharge																								
Roll Surcharge																								
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																								
Retaining Bulkhead Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																								
Cutter Suction Dredging- Land Disposal (No Booster)																								
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	9
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	18	18	18	18	14	14	14	14	23	23	23	23	23	23	9	9	9	9	9	9	9	9	9	9
Peak Hourly Total																								

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2017																			
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Sheet Pile Bulkhead Demolition																				
Construct New Bulkhead																				
Retaining Bulkhead Construction																				
Excavation Fronting E24																				
Clamshell Dredging																				
Land Ex																				
Construct New Armor Slope																				
Rock Placement, Push Off & Tub & Orange Peels																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Retaining Bulkhead Construction																				
Utility Construction																				
New Container Yard Utilities																				
Paving																				
New Container Yard Construction - Paving																				
Lighting, Striping, Crane Power																				
New Container Yard Construction - Electrica																				
Prepare for Toe Dike / Construct Dike (1st Lift)																				
Rock Placement, Push Off & Tub & Orange Peels																				
Fill within Dike																				
Clamshell Dredging																				
Remaining Dike Lifts																				
Rock Placement, Push Off & Tub & Orange Peels																				
Remaining Fill Lifts																				
Clamshell Dredging																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Retaining Bulkhead Construction																				
Construct South Mooring Dolphin																				
Drive 24-In Octagonal Piles - Water																				
Wick Drains																				
Wick Drains																				
Surcharge (Initial Pump, Plus Clamshell or Truck)																				
Roll Surcharge																				
Remove Surcharge to Slip 1 Fill Site																				
Roll Surcharge																				
Utility Construction																				
New Container Yard Utilities																				
Paving																				
New Container Yard Construction - Paving																				
Lighting, Fence, Striping, Crane Power																				
New Container Yard Construction - Electrica																				
Construct Retaining Structure at Pier D Oil Area																				
Retaining Bulkhead Construction																				
Excavate & Truck Material in Cell Bulkhead																				
Land Ex																				
Excavate Material Fronting Pier D																				
Land Ex																				
Clamshell Dredging																				
Remove Cellular Sheetpile																				
Sheet Pile Bulkhead Demolition																				
Rock Revetment																				
Rock Placement, Push Off & Tub & Orange Peels																				
Hydraulic or Clamshell Dredge to -55 ft																				
Clamshell Dredging																				
Ground Improvments Pier D																				
Stone Column Installation Eq																				
Marine Rock Delivery Eq																				
Demo - E12-13 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Lift #1 (~ -30)																				
Rock Placement, Push Off & Tub & Orange Peels																				
Lift #2 (~ -15)																				
Rock Placement, Push Off & Tub & Orange Peels																				
Lift #3 (~ 0)																				

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2017																			
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Rock Placement, Push Off & Tub & Orange Peels																				
Lift #4 (~ +15)																				
Rock Placement, Push Off & Tub & Orange Peels																				
Initial Surcharge and Wick Drains																				
Wick Drains																				
Roll Surcharge																				
2nd Surcharge and Wick Drains																				
Wick Drains																				
Roll Surcharge																				
3rd Surcharge and Wick Drains																				
Wick Drains																				
Roll Surcharge																				
4th Surcharge and Wick Drains																				
Wick Drains																				
Roll Surcharge																				
Remove Surcharge																				
Roll Surcharge																				
Container Yard Development																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrica																				
POLB Ocean Blvd Track Reconfiguration																				
Triple Track Installation Demo Eq																				
Triple Track Utility Relocation Eq																				
Triple Track Grading Eq																				
Triple Track Retaining Wall Eq																				
Triple Track Trackwork Eq																				
Triple Track Miscellaneous Eq																				
Demolish Existing Facilities																				
Sheet Pile Bulkhead Demolition																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct New Bulkhead (Install Transition Bulkhead)																				
Retaining Bulkhead Construction																				
Excavation Fronting E25 and Dispose Slip 1																				
Clamshell Dredging																				
Construct New Armor Slope																				
Rock Placement, Push Off & Tub & Orange Peels																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
CY Development																				
New Container Yard Construction - Paving																				
Dredge to -55 ft																				
Clamshell Dredging																				
Demolish Existing Facilities																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Sheet Pile Bulkhead Demolition																				
Construct New Bulkhead																				
Retaining Bulkhead Construction																				
Excavation Fronting E26 and Dispose Slip 1																				
Clamshell Dredging																				
Construct New Armor Slope																				
Rock Placement, Push Off & Tub & Orange Peels																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Construct E27 Bulkhead																				
Retaining Bulkhead Construction																				
CY Development																				
Vibratory Hammer & Power Pack																				
Flatbed Truck																				
Welding Machine																				
Hydraulic Dredge to -55ft																				
Clamshell Dredging																				
Seaside Railyard Area Redevelopment																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrica																				

A.2.2.1-5-Alt1-Alternative 1 Construction Peak Hourly CO Emissions

	2017																			
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Construction																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrica																				
Demolition																				
Wharf Demolition Landside																				
Railyard																				
Intermodal Yard Construction																				
Container Yard Development (F1 - F4)																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrica																				
Demo Existing F1-4, F6 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct East Basin Retaining Dike																				
Rock Placement, Push Off & Tub & Orange Peels																				
Slip/Basin Fill & Surcharge East																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Roll Surcharge																				
Roll Surcharge																				
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
New Container Yard Construction - Paving	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	9	16	16	16	16	16	16	6	6	6	6	6	6	6	6	6	6	0	0
Peak Hourly Total																				

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0										0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0							0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0															
	Fill within Dike	0	0	0															
	Clamshell Dredging	0	0	0															
	Remaining Dike Lifts	0	0	0															
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0															
	Remaining Fill Lifts	0	0	0															
	Clamshell Dredging	0	0	0															
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0												
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0										
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0										
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0										
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Lanc																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Lanc																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrica																		
Ph 1-5	Develop Terminal North of Ocean Blvd.																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrica																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrica																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Berth 23 Wharf , Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrica																		
All	Fugitive Dust from Ground Disturbance	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	Hourly Total	20	20	20	20	20	20	20	20	20	20	20	23	23	23	23	23	23	23

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0
Fill within Dike											0	0	0	0	0	0	0	0	0
Clamshell Dredging											0	0	0	0	0	0	0	0	0
Remaining Dike Lifts											0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0
Remaining Fill Lifts											0	0	0	0	0	0	0	0	0
Clamshell Dredging											0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0													0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0													0	0	0	0	0
Clamshell Dredging	0	0	0						0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0						0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0										0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities											0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition											0	0	0	0	0	0	0	0	0
Wharf Demolition Landside											0	0	0	0	0	0	0	0	0
Wharf Demolition Marine											0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)											0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction											0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1											0	0	0	0	0	0	0	0	0
Clamshell Dredging											0	0	0	0	0	0	0	0	0
Construct New Armor Slope											0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0
Wharf Construction											0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land											0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water											0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities											0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf											0	0	0	0	0	0	0	0	0
CY Development											0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving											0	0	0	0	0	0	0	0	0
Dredge to -55 ft											0	0	0	0	0	0	0	0	0
Clamshell Dredging											0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	18	18	18	18	18	18	18	18	18	18	18	18	18	55	55	55	55	55	55
Hourly Total	23	23	23	23	23	22	23	25	24	24	22	24	21	58	57	56	58	58	58

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2009																		
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0

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	2009																		
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)									0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)									0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)									0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0								
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0								
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0								
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2009																		
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	55	55	55	55	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Hourly Total	58	58	58	57	39	39	39	39	37	37	38	38	39	39	39	38	37	37	37

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Hourly Total	37	37	37	39	39	39	41	41	41	41	40	40	40	40	40	39	39	39	39

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2011																			
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2011																			
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolish Existing Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine		0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
Sheet Pile Bulkhead Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

		2011																			
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Clamshell Dredging		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine		0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Construct East Basin Retaining Dike		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels		0	0	0	0	0	0	0	0	0	0								
Slip/Basin Fill & Surcharge East		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	96
Hourly Total	39	39	39	39	39	39	39	40	40	40	40	40	40	40	40	40	40	40	97

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																			2012	
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities	0	0	0	0	0	0													
Wharf Demolition Landside	0	0	0	0	0	0													
Wharf Demolition Marine	0	0	0	0	0	0													
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
Construct New Bulkhead	0	0	0	0	0	0													
Retaining Bulkhead Construction	0	0	0	0	0	0													
Excavation Fronting E24	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Land Ex	0	0	0	0	0	0													
Construct New Armor Slope	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Wharf Construction	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
Drive Piles - Misc Activities	0	0	0	0	0	0													
Reinforced Concrete Wharf	0	0	0	0	0	0													
Retaining Bulkhead Construction	0	0	0	0	0	0													
Utility Construction	0	0	0	0	0	0													
New Container Yard Utilities	0	0	0	0	0	0													
Paving	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0													
Lighting, Striping, Crane Power	0	0	0	0	0	0													
New Container Yard Construction - Electrica	0	0	0	0	0	0													
Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Fill within Dike	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Remaining Dike Lifts	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Remaining Fill Lifts	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Wharf Construction	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
Drive Piles - Misc Activities	0	0	0	0	0	0													
Reinforced Concrete Wharf	0	0	0	0	0	0													
Retaining Bulkhead Construction	0	0	0	0	0	0													
Construct South Mooring Dolphin	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
Utility Construction	0	0	0	0	0	0													
New Container Yard Utilities	0	0	0	0	0	0													
Paving	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0													
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0													
New Container Yard Construction - Electrica	0	0	0	0	0	0													
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0													
Retaining Bulkhead Construction	0	0	0	0	0	0													
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0													
Land Ex	0	0	0	0	0	0													
Excavate Material Fronting Pier D	0	0	0	0	0	0													
Land Ex	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Remove Cellular Sheetpile	0	0	0	0	0	0													
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
Rock Revetment	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Ground Improvments Pier D	0	0	0	0	0	0													
Stone Column Installation Eq	0	0	0	0	0	0													
Marine Rock Delivery Eq	0	0	0	0	0	0													
Demo - E12-13 Wharf	0	0	0	0	0	0													
Wharf Demolition Landside	0	0	0	0	0	0													
Wharf Demolition Marine	0	0	0	0	0	0													
Lift #1 (~ -30)	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																	2012		
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Lift #3 (~ 0)	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Lift #4 (~ +15)	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Initial Surcharge and Wick Drains	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
2nd Surcharge and Wick Drains	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
3rd Surcharge and Wick Drains	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
4th Surcharge and Wick Drains	0	0	0	0	0	0													
Wick Drains	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
Remove Surcharge	0	0	0	0	0	0													
Roll Surcharge	0	0	0	0	0	0													
Container Yard Development	0	0	0	0	0	0													
New Container Yard Utilities	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0													
New Container Yard Construction - Electrica	0	0	0	0	0	0													
POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0													
Triple Track Installation Demo Eq	0	0	0	0	0	0													
Triple Track Utility Relocation Eq	0	0	0	0	0	0													
Triple Track Grading Eq	0	0	0	0	0	0													
Triple Track Retaining Wall Eq	0	0	0	0	0	0													
Triple Track Trackwork Eq	0	0	0	0	0	0													
Triple Track Miscellaneous Eq	0	0	0	0	0	0													
Demolish Existing Facilities	0	0	0	0	0	0													
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
Wharf Demolition Landside	0	0	0	0	0	0													
Wharf Demolition Marine	0	0	0	0	0	0													
Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0													
Retaining Bulkhead Construction	0	0	0	0	0	0													
Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Construct New Armor Slope	0	0	0	0	0	0													
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
Wharf Construction	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
Drive Piles - Misc Activities	0	0	0	0	0	0													
Reinforced Concrete Wharf	0	0	0	0	0	0													
CY Development	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0													
Dredge to -55 ft	0	0	0	0	0	0													
Clamshell Dredging	0	0	0	0	0	0													
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0														
Construct New Armor Slope	0	0	0	0	0														
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0														
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																		2012	
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
Hourly Total	97	98	98	98	97	97	97	97	96	96	96	96	96	96	96	96	96	96	96

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	*Jul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Armor Slope					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging	0	0						0	0	0	0	0	0	0	0	0	0	0	0
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Develop Terminal North of Ocean Blvd.												0	0	0	0	0	0	0	0
New Container Yard Utilities												0	0	0	0	0	0	0	0
New Container Yard Construction - Paving												0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica												0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Berth 23 Wharf , Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
Hourly Total	96	96	96	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98	98

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Vibratory Hammer & Power Pack	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0			
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Seaside Railyard Area Redevelopment																	0	0	0
New Container Yard Utilities																	0	0	0
New Container Yard Construction - Paving																	0	0	0
New Container Yard Construction - Electrica																	0	0	0
Develop Terminal North of Ocean Blvd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Construction - New Terminal Buildings																	0	0	0
Building Construction																	0	0	0
Dredge and Excavate at Quay Wall																	0	0	0
Clamshell Dredging																	0	0	0
Demo Existing F8-10 Wharf																	0	0	0
Wharf Demolition Landside																	0	0	0
Wharf Demolition Marine																	0	0	0
Construct Berth 23 Wharf , Armor, Fill																	0	0	0
Land Ex																	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																	0	0	0
Retaining Bulkhead Construction																	0	0	0
Drive 24-In Octagonal Piles - Land																	0	0	0
Drive 24-In Octagonal Piles - Water																	0	0	0
Drive Piles - Misc Activities																	0	0	0
Reinforced Concrete Wharf																	0	0	0
Basin Fill and Surcharge West																	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)																	0	0	0
Wick Drains																	0	0	0
Settlement Period																	0	0	0
Roll Surcharge																	0	0	0
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	89	89	89	89
Hourly Total	97	97	97	97	97	97	97	97	98	98	98	98	98	98	97	90	90	90	92

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2014																			
Water Construction - Not part of modeling analysis	*eb*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2014																			
Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2014																		
Water Construction - Not part of modeling analysis	*eb*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Develop Terminal North of Ocean Blvd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Berth 23 Wharf , Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	89	89	89	89	89	89	155	155	155	155	155	155	155	155	155	155	155	155	155
Hourly Total	92	92	92	92	93	94	160	160	160	160	160	158	158	158	158	158	158	158	158

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

			2015																	
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	
Demolish Existing Facilities																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Sheet Pile Bulkhead Demolition																				
Construct New Bulkhead																				
Retaining Bulkhead Construction																				
Excavation Fronting E24																				
Clamshell Dredging																				
Land Ex																				
Construct New Armor Slope																				
Rock Placement, Push Off & Tub & Orange Peels																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Retaining Bulkhead Construction																				
Utility Construction																				
New Container Yard Utilities																				
Paving																				
New Container Yard Construction - Paving																				
Lighting, Striping, Crane Power																				
New Container Yard Construction - Electrica																				
Prepare for Toe Dike / Construct Dike (1st Lift)																				
Rock Placement, Push Off & Tub & Orange Peels																				
Fill within Dike																				
Clamshell Dredging																				
Remaining Dike Lifts																				
Rock Placement, Push Off & Tub & Orange Peels																				
Remaining Fill Lifts																				
Clamshell Dredging																				
Wharf Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Retaining Bulkhead Construction																				
Construct South Mooring Dolphin																				
Drive 24-In Octagonal Piles - Water																				
Wick Drains																				
Wick Drains																				
Surcharge (Initial Pump, Plus Clamshell or Truck)																				
Roll Surcharge																				
Remove Surcharge to Slip 1 Fill Site																				
Roll Surcharge																				
Utility Construction																				
New Container Yard Utilities																				
Paving																				
New Container Yard Construction - Paving																				
Lighting, Fence, Striping, Crane Power																				
New Container Yard Construction - Electrica																				
Construct Retaining Structure at Pier D Oil Area																				
Retaining Bulkhead Construction																				
Excavate & Truck Material in Cell Bulkhead																				
Land Ex																				
Excavate Material Fronting Pier D																				
Land Ex																				
Clamshell Dredging																				
Remove Cellular Sheetpile																				
Sheet Pile Bulkhead Demolition																				
Rock Revetment																				
Rock Placement, Push Off & Tub & Orange Peels																				
Hydraulic or Clamshell Dredge to -55 ft																				
Clamshell Dredging																				
Ground Improvments Pier D																				
Stone Column Installation Eq																				
Marine Rock Delivery Eq																				
Demo - E12-13 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Lift #1 (~ -30)																				
Rock Placement, Push Off & Tub & Orange Peels																				

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																				2015
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

			2015																		
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Develop Terminal North of Ocean Blvd.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0																	
Wharf Demolition Landside	0	0																	
Railyard	0	0																	
Intermodal Yard Construction	0	0																	
Container Yard Development (F1 - F4)	0	0																	
New Container Yard Utilities	0	0																	
New Container Yard Construction - Paving	0	0																	
New Container Yard Construction - Electrica	0	0																	
Demo Existing F1-4, F6 Wharf	0	0																	
Wharf Demolition Landside	0	0																	
Wharf Demolition Marine	0	0																	
Construct East Basin Retaining Dike	0	0																	
Rock Placement, Push Off & Tub & Orange Peels	0	0																	
Slip/Basin Fill & Surcharge East	0	0																	
Cutter Suction Dredging- Spill Barge (No Booster)	0	0																	
Cutter Suction Dredging- Land Disposal (No Booster)	0	0																	
Wick Drains	0	0																	
Roll Surcharge	0	0																	
Roll Surcharge	0	0																	
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Construct Berth 23 Wharf , Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	89	89	155
Hourly Total	158	158	158	158	159	159	159	159	159	159	159	159	159	159	159	159	94	94	159

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																				20
Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

																				20
Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

Water Construction - Not part of modeling analysis	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Clamshell Dredging																				
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Develop Terminal North of Ocean Blvd.	0	0	0	0	0	0	0													
New Container Yard Utilities	0	0	0	0	0	0	0													
New Container Yard Construction - Paving	0	0	0	0	0	0	0													
New Container Yard Construction - Electrica	0	0	0	0	0	0	0													
Demolition																				
Wharf Demolition Landside																				
Railyard																				
Intermodal Yard Construction																				
Container Yard Development (F1 - F4)																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrica																				
Demo Existing F1-4, F6 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct East Basin Retaining Dike																				
Rock Placement, Push Off & Tub & Orange Peels																				
Slip/Basin Fill & Surcharge East																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Roll Surcharge																				
Roll Surcharge																				
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Berth 23 Wharf , Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																				
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge								0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge								0	0	0	0	0	0	0	0	0	0	0	0
CY Development								0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities								0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving								0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica								0	0	0	0	0	0	0	0	0	0	0	0
Fugitive Dust from Ground Disturbance	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	94	94	94
Hourly Total	127	127	127	127	127	127	127	127	127	127	127	126	126	126	126	125	96	96	96

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	16																		
Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	16																		
Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	16																		
Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0							
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0							
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0							
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0							
Develop Terminal North of Ocean Blvd.																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Berth 23 Wharf , Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fugitive Dust from Ground Disturbance	94	94	94	94	94	94	94	94	94	35	35	35	35	35	35	35	35	77	77
Hourly Total	98	98	98	98	98	98	96	96	96	37	37	37	37	37	37	37	37	79	80

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2017																
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																	
Wharf Demolition Landside																	
Wharf Demolition Marine																	
Sheet Pile Bulkhead Demolition																	
Construct New Bulkhead																	
Retaining Bulkhead Construction																	
Excavation Fronting E24																	
Clamshell Dredging																	
Land Ex																	
Construct New Armor Slope																	
Rock Placement, Push Off & Tub & Orange Peels																	
Wharf Construction																	
Drive 24-In Octagonal Piles - Land																	
Drive 24-In Octagonal Piles - Water																	
Drive Piles - Misc Activities																	
Reinforced Concrete Wharf																	
Retaining Bulkhead Construction																	
Utility Construction																	
New Container Yard Utilities																	
Paving																	
New Container Yard Construction - Paving																	
Lighting, Striping, Crane Power																	
New Container Yard Construction - Electrica																	
Prepare for Toe Dike / Construct Dike (1st Lift)																	
Rock Placement, Push Off & Tub & Orange Peels																	
Fill within Dike																	
Clamshell Dredging																	
Remaining Dike Lifts																	
Rock Placement, Push Off & Tub & Orange Peels																	
Remaining Fill Lifts																	
Clamshell Dredging																	
Wharf Construction																	
Drive 24-In Octagonal Piles - Land																	
Drive 24-In Octagonal Piles - Water																	
Drive Piles - Misc Activities																	
Reinforced Concrete Wharf																	
Retaining Bulkhead Construction																	
Construct South Mooring Dolphin																	
Drive 24-In Octagonal Piles - Water																	
Wick Drains																	
Wick Drains																	
Surcharge (Initial Pump, Plus Clamshell or Truck)																	
Roll Surcharge																	
Remove Surcharge to Slip 1 Fill Site																	
Roll Surcharge																	
Utility Construction																	
New Container Yard Utilities																	
Paving																	
New Container Yard Construction - Paving																	
Lighting, Fence, Striping, Crane Power																	
New Container Yard Construction - Electrica																	
Construct Retaining Structure at Pier D Oil Area																	
Retaining Bulkhead Construction																	
Excavate & Truck Material in Cell Bulkhead																	
Land Ex																	
Excavate Material Fronting Pier D																	
Land Ex																	
Clamshell Dredging																	
Remove Cellular Sheetpile																	
Sheet Pile Bulkhead Demolition																	
Rock Revetment																	
Rock Placement, Push Off & Tub & Orange Peels																	
Hydraulic or Clamshell Dredge to -55 ft																	
Clamshell Dredging																	
Ground Improvments Pier D																	
Stone Column Installation Eq																	
Marine Rock Delivery Eq																	
Demo - E12-13 Wharf																	
Wharf Demolition Landside																	
Wharf Demolition Marine																	
Lift #1 (~ -30)																	
Rock Placement, Push Off & Tub & Orange Peels																	

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2017																	
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																	
Rock Placement, Push Off & Tub & Orange Peels																	
Lift #3 (~ 0)																	
Rock Placement, Push Off & Tub & Orange Peels																	
Lift #4 (~ +15)																	
Rock Placement, Push Off & Tub & Orange Peels																	
Initial Surcharge and Wick Drains																	
Wick Drains																	
Roll Surcharge																	
2nd Surcharge and Wick Drains																	
Wick Drains																	
Roll Surcharge																	
3rd Surcharge and Wick Drains																	
Wick Drains																	
Roll Surcharge																	
4th Surcharge and Wick Drains																	
Wick Drains																	
Roll Surcharge																	
Remove Surcharge																	
Roll Surcharge																	
Container Yard Development																	
New Container Yard Utilities																	
New Container Yard Construction - Paving																	
New Container Yard Construction - Electrica																	
POLB Ocean Blvd Track Reconfiguration																	
Triple Track Installation Demo Eq																	
Triple Track Utility Relocation Eq																	
Triple Track Grading Eq																	
Triple Track Retaining Wall Eq																	
Triple Track Trackwork Eq																	
Triple Track Miscellaneous Eq																	
Demolish Existing Facilities																	
Sheet Pile Bulkhead Demolition																	
Wharf Demolition Landside																	
Wharf Demolition Marine																	
Construct New Bulkhead (Install Transition Bulkhead)																	
Retaining Bulkhead Construction																	
Excavation Fronting E25 and Dispose Slip 1																	
Clamshell Dredging																	
Construct New Armor Slope																	
Rock Placement, Push Off & Tub & Orange Peels																	
Wharf Construction																	
Drive 24-In Octagonal Piles - Land																	
Drive 24-In Octagonal Piles - Water																	
Drive Piles - Misc Activities																	
Reinforced Concrete Wharf																	
CY Development																	
New Container Yard Construction - Paving																	
Dredge to -55 ft																	
Clamshell Dredging																	
Demolish Existing Facilities																	
Wharf Demolition Landside																	
Wharf Demolition Marine																	
Sheet Pile Bulkhead Demolition																	
Construct New Bulkhead																	
Retaining Bulkhead Construction																	
Excavation Fronting E26 and Dispose Slip 1																	
Clamshell Dredging																	
Construct New Armor Slope																	
Rock Placement, Push Off & Tub & Orange Peels																	
Wharf Construction																	
Drive 24-In Octagonal Piles - Land																	
Drive 24-In Octagonal Piles - Water																	
Drive Piles - Misc Activities																	
Reinforced Concrete Wharf																	
Construct E27 Bulkhead																	
Retaining Bulkhead Construction																	
CY Development																	
Vibratory Hammer & Power Pack																	
Flatbed Truck																	
Welding Machine																	
Hydraulic Dredge to -55ft																	

A.2.2.1-6-Alt1-Alternative 1 Construction Peak Hourly PM10 Emissions

	2017																
Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																	
Seaside Railyard Area Redevelopment																	
New Container Yard Utilities																	
New Container Yard Construction - Paving																	
New Container Yard Construction - Electrica																	
Develop Terminal North of Ocean Blvd.																	
New Container Yard Utilities																	
New Container Yard Construction - Paving																	
New Container Yard Construction - Electrica																	
Demolition																	
Wharf Demolition Landside																	
Railyard																	
Intermodal Yard Construction																	
Container Yard Development (F1 - F4)																	
New Container Yard Utilities																	
New Container Yard Construction - Paving																	
New Container Yard Construction - Electrica																	
Demo Existing F1-4, F6 Wharf																	
Wharf Demolition Landside																	
Wharf Demolition Marine																	
Construct East Basin Retaining Dike																	
Rock Placement, Push Off & Tub & Orange Peels																	
Slip/Basin Fill & Surcharge East																	
Cutter Suction Dredging- Spill Barge (No Booster)																	
Cutter Suction Dredging- Land Disposal (No Booster)																	
Wick Drains																	
Roll Surcharge																	
Roll Surcharge																	
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Berth 23 Wharf , Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fugitive Dust from Ground Disturbance	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
Hourly Total	80	80	80	80	80	79	79	79	79	79	79	79	79	79	79	77	77

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																		
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																		
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																		
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																		
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																		
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																		
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																		
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rock Revetment																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																		
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																		
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																		
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																		
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																		
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

		2007				2008													
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrica																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrica																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrica																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrica																		
All	Fugitive Dust from Ground Disturbance	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Hourly Total	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-	-	-	-	-	-
Sheet Pile Bulkhead Demolition	-	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6	0.6	0.6	0.6	0.6
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4
Excavate Material Fronting Pier D																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container Yard Development																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition											-	-	-	-	-	-	-	-	-
Wharf Demolition Landside											-	-	-	-	-	-	-	-	-
Wharf Demolition Marine											-	-	-	-	-	-	-	-	-
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction											-	-	-	-	-	-	-	-	-
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land											-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water											-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities											-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf											-	-	-	-	-	-	-	-	-
CY Development																			
New Container Yard Construction - Paving											-	-	-	-	-	-	-	-	-
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	4	4	4	4	4	4	4	4	4	4	4	4	4	12	12	12	12	12	12
Hourly Total	4	4	5	5	5	5	5	6	6	6	6	5	5	16	16	16	16	16	20

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2009																		
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	0.6	0.6	0.6	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	0.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	4.5	4.5	4.5	4.5	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6	0.6	0.6	-	-	-
Wick Drains																			
Wick Drains	-	-	-	-	-	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-	-	1.6	1.6	1.6	-	-	-	-	-	-	-	-
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1.6
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate Material Fronting Pier D																			
Land Ex	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	0.7	0.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2009																		
Water Construction - Not part of modeling analysis	ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container Yard Development																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	0	0
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	0	0
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	0	0
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	-	0	0
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CY Development																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2009																		
Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	12	12	12	12	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Hourly Total	20	20	20	20	16	12	11	12	13	13	14	12	14	11	11	10	8	10	10

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate Material Fronting Pier D																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Surcharge and Wick Drains																			
Wick Drains	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	1.6	1.6	1.6	1.6	-	-	-	-	-	-	-	-	-	-
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container Yard Development																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
Drive Piles - Misc Activities	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Reinforced Concrete Wharf	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
CY Development																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2010																		
Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition																			
Wharf Demolition Landside																			
Railyard																			
Intermodal Yard Construction																			
Container Yard Development (F1 - F4)																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Hourly Total	10	10	10	12	11	11	11	11	11	10	10	10	10	10	10	8	8	8	8

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2011																		
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate Material Fronting Pier D																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

		2011																		
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-	1.6	1.6	1.6	1.6	-	-	-	-	-	-	-	-
Container Yard Development																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Trackwork Eq	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0												
Wharf Demolition Landside	0	0	0	0	0	0	0												
Wharf Demolition Marine	0	0	0	0	0	0	0												
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction	0	0	0	0	0	0	0												
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-												
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-												
Drive Piles - Misc Activities	-	-	-	-	-	-	-												
Reinforced Concrete Wharf	-	-	-	-	-	-	-												
CY Development																			
New Container Yard Construction - Paving	0	0	0	0	0	0	0												
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine		0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
Sheet Pile Bulkhead Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			
Construct New Armor Slope		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

		2011																	
Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine		0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Construct East Basin Retaining Dike		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	20
Hourly Total	8	8	8	8	8	8	8	10	10	10	10	11	11	11	11	11	11	11	23

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

																	2012		
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavate Material Fronting Pier D																			
Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

																	2012		
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container Yard Development																			
New Container Yard Utilities	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-	-	-	-	-
New Container Yard Construction - Paving	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-
New Container Yard Construction - Electrica	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

																		2012	
Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Hourly Total	23	23	23	23	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	*Jul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside	-	-	-	-	-	-	-												
Wharf Demolition Marine	-	-	-	-	-	-	-												
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-												
Construct New Bulkhead																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-												
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex	-	-	-	-	-	-	-												
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-												
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-												
Drive Piles - Misc Activities	-	-	-	-	-	-	-												
Reinforced Concrete Wharf	-	-	-	-	-	-	-												
Retaining Bulkhead Construction	-	-	-	-	-	-	-												
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-												
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-												
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-												
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging	-	-	-	-	-	-	-												
Wharf Construction																			
Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-												
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-												
Drive Piles - Misc Activities	-	-	-	-	-	-	-												
Reinforced Concrete Wharf	-	-	-	-	-	-	-												
Retaining Bulkhead Construction	-	-	-	-	-	-	-												
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-												
Wick Drains																			
Wick Drains	-	-	-	-	-	-	-												
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge	-	-	-	-	-	-	-												
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge	-	-	-	-	-	-	-												
Utility Construction																			
New Container Yard Utilities	-	-	-	-	-	-	-												
Paving																			
New Container Yard Construction - Paving	-	-	-	-	-	-	-												
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica	-	-	-	-	-	-	-												
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction	-	-	-	-	-	-	-												
Excavate & Truck Material in Cell Bulkhead																			
Land Ex	-	-	-	-	-	-	-												
Excavate Material Fronting Pier D																			
Land Ex	-	-	-	-	-	-	-												
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-												
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq	-	-	-	-	-	-	-												
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside	-	-	-	-	-	-	-												
Wharf Demolition Marine	-	-	-	-	-	-	-												
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	Jul	Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-												
Roll Surcharge	-	-	-	-	-	-	-												
2nd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-												
Roll Surcharge	-	-	-	-	-	-	-												
3rd Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-												
Roll Surcharge	-	-	-	-	-	-	-												
4th Surcharge and Wick Drains																			
Wick Drains	-	-	-	-	-	-	-												
Roll Surcharge	-	-	-	-	-	-	-												
Remove Surcharge																			
Roll Surcharge	-	-	-	-	-	-	-												
Container Yard Development																			
New Container Yard Utilities	-	-	-	-	-	-	-												
New Container Yard Construction - Paving	-	-	-	-	-	-	-												
New Container Yard Construction - Electrica	-	-	-	-	-	-	-												
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq	-	-	-	-	-	-	-												
Triple Track Utility Relocation Eq	-	-	-	-	-	-	-												
Triple Track Grading Eq	-	-	-	-	-	-	-												
Triple Track Retaining Wall Eq	-	-	-	-	-	-	-												
Triple Track Trackwork Eq	-	-	-	-	-	-	-												
Triple Track Miscellaneous Eq	-	-	-	-	-	-	-												
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Construction												0	0	0	0	0	0	0	0
New Container Yard Utilities												0	0	0	0	0	0	0	0
New Container Yard Construction - Paving												0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica												0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Hourly Total	21	21	21	23	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clamshell Dredging																			
Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Vibratory Hammer & Power Pack	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0			
Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2013																		
Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment																	0	0	0
New Container Yard Utilities																	0	0	0
New Container Yard Construction - Paving																	0	0	0
New Container Yard Construction - Electrica																	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Construction - New Terminal Buildings																	0	0	0
Building Construction																	0	0	0
Dredge and Excavate at Quay Wall																	0	0	0
Clamshell Dredging																			
Demo Existing F8-10 Wharf																	0	0	0
Wharf Demolition Landside																	0	0	0
Wharf Demolition Marine																	0	0	0
Construct Wharf, Armor, Fill																	0	0	0
Land Ex																	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																	0	0	0
Drive 24-In Octagonal Piles - Land																	0	0	0
Drive 24-In Octagonal Piles - Water																	0	0	0
Drive Piles - Misc Activities																	0	0	0
Reinforced Concrete Wharf																	0	0	0
Basin Fill and Surcharge West																	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																	0	0	0
Settlement Period																	0	0	0
Roll Surcharge																	0	0	0
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19
Hourly Total	21	21	21	21	21	21	21	21	22	22	22	22	22	22	21	20	20	20	21

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2014																			
Water Construction - Not part of modeling analysis	*eb*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E24																			
Clamshell Dredging																			
Land Ex																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Prepare for Toe Dike / Construct Dike (1st Lift)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Fill within Dike																			
Clamshell Dredging																			
Remaining Dike Lifts																			
Rock Placement, Push Off & Tub & Orange Peels																			
Remaining Fill Lifts																			
Clamshell Dredging																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Retaining Bulkhead Construction																			
Construct South Mooring Dolphin																			
Drive 24-In Octagonal Piles - Water																			
Wick Drains																			
Wick Drains																			
Surcharge (Initial Pump, Plus Clamshell or Truck)																			
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrica																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2014																			
Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
3rd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
4th Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
Container Yard Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
POLB Ocean Blvd Track Reconfiguration																			
Triple Track Installation Demo Eq																			
Triple Track Utility Relocation Eq																			
Triple Track Grading Eq																			
Triple Track Retaining Wall Eq																			
Triple Track Trackwork Eq																			
Triple Track Miscellaneous Eq																			
Demolish Existing Facilities																			
Sheet Pile Bulkhead Demolition																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct New Bulkhead (Install Transition Bulkhead)																			
Retaining Bulkhead Construction																			
Excavation Fronting E25 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
CY Development																			
New Container Yard Construction - Paving																			
Dredge to -55 ft																			
Clamshell Dredging																			
Demolish Existing Facilities																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Sheet Pile Bulkhead Demolition																			
Construct New Bulkhead																			
Retaining Bulkhead Construction																			
Excavation Fronting E26 and Dispose Slip 1																			
Clamshell Dredging																			
Construct New Armor Slope																			
Rock Placement, Push Off & Tub & Orange Peels																			
Wharf Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Construct E27 Bulkhead																			
Retaining Bulkhead Construction																			
CY Development																			
Vibratory Hammer & Power Pack																			
Flatbed Truck																			
Welding Machine																			
Hydraulic Dredge to -55ft																			

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

	2014																		
Water Construction - Not part of modeling analysis	*eb*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																			
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																			
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrica																			
Fugitive Dust from Ground Disturbance	19	19	19	19	19	19	32	32	32	32	32	32	32	32	32	32	32	32	32
Hourly Total	21	21	21	21	22	23	37	37	37	37	37	35	35	35	35	35	35	35	35

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

			2015															
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Demolish Existing Facilities																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Sheet Pile Bulkhead Demolition																		
Construct New Bulkhead																		
Retaining Bulkhead Construction																		
Excavation Fronting E24																		
Clamshell Dredging																		
Land Ex																		
Construct New Armor Slope																		
Rock Placement, Push Off & Tub & Orange Peels																		
Wharf Construction																		
Drive 24-In Octagonal Piles - Land																		
Drive 24-In Octagonal Piles - Water																		
Drive Piles - Misc Activities																		
Reinforced Concrete Wharf																		
Retaining Bulkhead Construction																		
Utility Construction																		
New Container Yard Utilities																		
Paving																		
New Container Yard Construction - Paving																		
Lighting, Striping, Crane Power																		
New Container Yard Construction - Electrica																		
Prepare for Toe Dike / Construct Dike (1st Lift)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Fill within Dike																		
Clamshell Dredging																		
Remaining Dike Lifts																		
Rock Placement, Push Off & Tub & Orange Peels																		
Remaining Fill Lifts																		
Clamshell Dredging																		
Wharf Construction																		
Drive 24-In Octagonal Piles - Land																		
Drive 24-In Octagonal Piles - Water																		
Drive Piles - Misc Activities																		
Reinforced Concrete Wharf																		
Retaining Bulkhead Construction																		
Construct South Mooring Dolphin																		
Drive 24-In Octagonal Piles - Water																		
Wick Drains																		
Wick Drains																		
Surcharge (Initial Pump, Plus Clamshell or Truck)																		
Roll Surcharge																		
Remove Surcharge to Slip 1 Fill Site																		
Roll Surcharge																		
Utility Construction																		
New Container Yard Utilities																		
Paving																		
New Container Yard Construction - Paving																		
Lighting, Fence, Striping, Crane Power																		
New Container Yard Construction - Electrica																		
Construct Retaining Structure at Pier D Oil Area																		
Retaining Bulkhead Construction																		
Excavate & Truck Material in Cell Bulkhead																		
Land Ex																		
Excavate Material Fronting Pier D																		
Land Ex																		
Clamshell Dredging																		
Remove Cellular Sheetpile																		
Sheet Pile Bulkhead Demolition																		
Rock Revetment																		
Rock Placement, Push Off & Tub & Orange Peels																		
Hydraulic or Clamshell Dredge to -55 ft																		
Clamshell Dredging																		
Ground Improvments Pier D																		
Stone Column Installation Eq																		
Marine Rock Delivery Eq																		
Demo - E12-13 Wharf																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Lift #1 (~ -30)																		
Rock Placement, Push Off & Tub & Orange Peels																		

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

			2015															
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Lift #2 (~ -15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #3 (~ 0)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #4 (~ +15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Initial Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
2nd Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
3rd Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
4th Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
Remove Surcharge																		
Roll Surcharge																		
Container Yard Development																		
New Container Yard Utilities																		
New Container Yard Construction - Paving																		
New Container Yard Construction - Electrica																		
POLB Ocean Blvd Track Reconfiguration																		
Triple Track Installation Demo Eq																		
Triple Track Utility Relocation Eq																		
Triple Track Grading Eq																		
Triple Track Retaining Wall Eq																		
Triple Track Trackwork Eq																		
Triple Track Miscellaneous Eq																		
Demolish Existing Facilities																		
Sheet Pile Bulkhead Demolition																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Construct New Bulkhead (Install Transition Bulkhead)																		
Retaining Bulkhead Construction																		
Excavation Fronting E25 and Dispose Slip 1																		
Clamshell Dredging																		
Construct New Armor Slope																		
Rock Placement, Push Off & Tub & Orange Peels																		
Wharf Construction																		
Drive 24-In Octagonal Piles - Land																		
Drive 24-In Octagonal Piles - Water																		
Drive Piles - Misc Activities																		
Reinforced Concrete Wharf																		
CY Development																		
New Container Yard Construction - Paving																		
Dredge to -55 ft																		
Clamshell Dredging																		
Demolish Existing Facilities																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Sheet Pile Bulkhead Demolition																		
Construct New Bulkhead																		
Retaining Bulkhead Construction																		
Excavation Fronting E26 and Dispose Slip 1																		
Clamshell Dredging																		
Construct New Armor Slope																		
Rock Placement, Push Off & Tub & Orange Peels																		
Wharf Construction																		
Drive 24-In Octagonal Piles - Land																		
Drive 24-In Octagonal Piles - Water																		
Drive Piles - Misc Activities																		
Reinforced Concrete Wharf																		
Construct E27 Bulkhead																		
Retaining Bulkhead Construction																		
CY Development																		
Vibratory Hammer & Power Pack																		
Flatbed Truck																		
Welding Machine																		
Hydraulic Dredge to -55ft																		

A.2.2.1-7-Alt1-Alternative 1 Construction Peak Hourly PM2.5 Emissions

			2015															
Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Clamshell Dredging																		
Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition	0	0																
Wharf Demolition Landside	0	0																
Railyard	0	0																
Intermodal Yard Construction	0	0																
Container Yard Development (F1 - F4)	0	0																
New Container Yard Utilities	0	0																
New Container Yard Construction - Paving	0	0																
New Container Yard Construction - Electrica	0	0																
Demo Existing F1-4, F6 Wharf	0	0																
Wharf Demolition Landside	0	0																
Wharf Demolition Marine	0	0																
Construct East Basin Retaining Dike	0	0																
Rock Placement, Push Off & Tub & Orange Peels																		
Slip/Basin Fill & Surcharge East																		
Cutter Suction Dredging- Spill Barge (No Booster)																		
Cutter Suction Dredging- Land Disposal (No Booster)																		
Wick Drains	0	0																
Roll Surcharge	0	0																
Roll Surcharge	0	0																
Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging																		
Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels																		
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutter Suction Dredging- Spill Barge (No Booster)																		
Cutter Suction Dredging- Land Disposal (No Booster)																		
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge																		
Roll Surcharge																		
CY Development																		
New Container Yard Utilities																		
New Container Yard Construction - Paving																		
New Container Yard Construction - Electrica																		
Fugitive Dust from Ground Disturbance	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	19	19
Hourly Total	35	35	35	35	36	36	36	36	36	36	36	36	36	36	36	36	24	24

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Se
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	39	39	39	39	39	39	39	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	3	3	3	3	3	3	3	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	19	19	19	19	19	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	39	39	39	39	39	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	19	19	19	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39	39	39	39	39	39
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	19	19	19	19	19	19	19	19	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	19	19
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					

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		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					

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		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
All	Fugitive Dust from Ground Disturbance	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148
	Daily Total	159	159	159	178	178	181	181	221	260	277	277	338	341	321	260	262	301	301	301	282	301
	Peak Daily Total	**1,288**																				

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		2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		ep	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	8	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	ep	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge	0	0	0	0	14	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	19	19	19	19	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	19	19	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	19	19	19	19	19	19	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	0	0	0

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		2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		ep	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							

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		2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		ep	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-4	New Container Yard Construction - Electrical																							
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		ep	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings																							
	Building Construction																							
	Dredge and Excavate at Quay Wall																							
	Clamshell Dredging																							
	Demo Existing F8-10 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct Wharf, Armor, Fill																							
	Land Ex																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Basin Fill and Surcharge West																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Settlement Period																							
Ph 2-2	Roll Surcharge																							
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
All	Fugitive Dust from Ground Disturbance	148	148	148	148	148	148	148	148	148	148	444	444	444	444	444	444	444	444	444	444	296	296	296
	Daily Total	299	299	254	240	253	251	249	235	246	225	502	474	469	486	480	461	461	462	462	459	311	311	311
	Peak Daily Total																							

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		2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	29	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	14	14	14	14	14	14	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								

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		2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E26 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Construct E27 Bulkhead																								
	Retaining Bulkhead Construction																								
	CY Development																								
	Vibratory Hammer & Power Pack																								
	Flatbed Truck																								
	Welding Machine																								
	Hydraulic Dredge to -55ft																								
Ph 1-3	Clamshell Dredging																								
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-5	New Container Yard Construction - Electrical																								
Ph 2-1	Demolition																								
	Wharf Demolition Landside																								
	Railyard																								
	Intermodal Yard Construction																								
	Container Yard Development (F1 - F4)																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	Demo Existing F1-4, F6 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct East Basin Retaining Dike																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Slip/Basin Fill & Surcharge East																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Roll Surcharge																								
Ph 2-1	Roll Surcharge																								
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
All	Fugitive Dust from Ground Disturbance	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296
	Daily Total	310	297	296	307	336	338	338	338	336	340	340	311	311	311	310	313	313	313	327	327	327	327	323	323
	Peak Daily Total																								

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		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0
	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3
	Wharf Demolition Marine									0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
	Sheet Pile Bulkhead Demolition									0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2

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		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-5	New Container Yard Construction - Electrical																								
Ph 2-1	Demolition									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3
	Railyard									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside									0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine									0	0	0	0	0	0	0	0	0	0						
	Construct East Basin Retaining Dike									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels									0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8
	Slip/Basin Fill & Surcharge East									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
All	Fugitive Dust from Ground Disturbance	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296
	Daily Total	323	323	323	309	309	309	309	309	309	309	309	309	309	309	316	316	316	316	317	317	317	317	317	317
	Peak Daily Total																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0											
	Wharf Demolition Landside	0	0	0	0	0	0	0	0											
	Wharf Demolition Marine	0	0	0	0	0	0	0	0											
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0											
	Construct New Bulkhead	0	0	0	0	0	0	0	0											
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0											
	Excavation Fronting E24	0	0	0	0	0	0	0	0											
	Clamshell Dredging	0	0	0	0	0	0	0	0											
	Land Ex	0	0	0	0	0	0	0	0											
	Construct New Armor Slope	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Wharf Construction	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0											
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0											
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0											
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0											
	Utility Construction	0	0	0	0	0	0	0	0											
	New Container Yard Utilities	0	0	0	0	0	0	0	0											
	Paving	0	0	0	0	0	0	0	0											
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0											
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0											
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0											
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Fill within Dike	0	0	0	0	0	0	0	0											
	Clamshell Dredging	0	0	0	0	0	0	0	0											
	Remaining Dike Lifts	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Remaining Fill Lifts	0	0	0	0	0	0	0	0											
	Clamshell Dredging	0	0	0	0	0	0	0	0											
	Wharf Construction	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0											
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0											
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0											
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0											
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0											
	Wick Drains	0	0	0	0	0	0	0	0											
	Wick Drains	0	0	0	0	0	0	0	0											
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0											

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Roll Surcharge	0	0	0	0	0	0	0	0											
Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0											
Roll Surcharge	0	0	0	0	0	0	0	0											
Utility Construction	0	0	0	0	0	0	0	0											
New Container Yard Utilities	0	0	0	0	0	0	0	0											
Paving	0	0	0	0	0	0	0	0											
New Container Yard Construction - Paving	0	0	0	0	0	0	0	0											
Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0											
New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0											
Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0											
Retaining Bulkhead Construction	0	0	0	0	0	0	0	0											
Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0											
Land Ex	0	0	0	0	0	0	0	0											
Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0											
Land Ex	0	0	0	0	0	0	0	0											
Clamshell Dredging	0	0	0	0	0	0	0	0											
Remove Cellular Sheetpile	0	0	0	0	0	0	0	0											
Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0											
Rock Revetment	0	0	0	0	0	0	0	0											
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0											
Clamshell Dredging	0	0	0	0	0	0	0	0											
Ground Improvments Pier D	0	0	0	0	0	0	0	0											
Stone Column Installation Eq	0	0	0	0	0	0	0	0											
Marine Rock Delivery Eq	0	0	0	0	0	0	0	0											
Demo - E12-13 Wharf	0	0	0	0	0	0	0	0											
Wharf Demolition Landside	0	0	0	0	0	0	0	0											
Wharf Demolition Marine	0	0	0	0	0	0	0	0											
Lift #1 (~ -30)	0	0	0	0	0	0	0	0											
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
Lift #2 (~ -15)	0	0	0	0	0	0	0	0											
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
Lift #3 (~ 0)	0	0	0	0	0	0	0	0											
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
Lift #4 (~ +15)	0	0	0	0	0	0	0	0											
Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0											
Wick Drains	0	0	0	0	0	0	0	0											
Roll Surcharge	0	0	0	0	0	0	0	0											
2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0											
Wick Drains	0	0	0	0	0	0	0	0											
Roll Surcharge	0	0	0	0	0	0	0	0											

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0											
	Wick Drains	0	0	0	0	0	0	0	0											
	Roll Surcharge	0	0	0	0	0	0	0	0											
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0											
	Wick Drains	0	0	0	0	0	0	0	0											
	Roll Surcharge	0	0	0	0	0	0	0	0											
	Remove Surcharge	0	0	0	0	0	0	0	0											
	Roll Surcharge	0	0	0	0	0	0	0	0											
	Container Yard Development	0	0	0	0	0	0	0	0											
	New Container Yard Utilities	0	0	0	0	0	0	0	0											
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0											
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0											
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0											
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0											
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0											
	Triple Track Grading Eq	0	0	0	0	0	0	0	0											
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0											
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0											
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0											
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0											
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0											
	Wharf Demolition Landside	0	0	0	0	0	0	0	0											
	Wharf Demolition Marine	0	0	0	0	0	0	0	0											
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0											
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0											
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0											
	Clamshell Dredging	0	0	0	0	0	0	0	0											
	Construct New Armor Slope	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Wharf Construction	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0											
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0											
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0											
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0											
	CY Development	0	0	0	0	0	0	0	0											
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0											
	Dredge to -55 ft	0	0	0	0	0	0	0	0											
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0											
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	19	19	19	19	19	19	19	19	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside							0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine							0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Sep		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
All	Fugitive Dust from Ground Disturbance	296	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
	Daily Total	317	779	806	808	808	808	808	827	827	827	825	825	825	825	825	806	816	816	816
	Peak Daily Total																			

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015
		n	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015
	n	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																			
Remove Surcharge to Slip 1 Fill Site																			
Roll Surcharge																			
Utility Construction																			
New Container Yard Utilities																			
Paving																			
New Container Yard Construction - Paving																			
Lighting, Fence, Striping, Crane Power																			
New Container Yard Construction - Electrical																			
Construct Retaining Structure at Pier D Oil Area																			
Retaining Bulkhead Construction																			
Excavate & Truck Material in Cell Bulkhead																			
Land Ex																			
Excavate Material Fronting Pier D																			
Land Ex																			
Clamshell Dredging																			
Remove Cellular Sheetpile																			
Sheet Pile Bulkhead Demolition																			
Rock Revetment																			
Rock Placement, Push Off & Tub & Orange Peels																			
Hydraulic or Clamshell Dredge to -55 ft																			
Clamshell Dredging																			
Ground Improvments Pier D																			
Stone Column Installation Eq																			
Marine Rock Delivery Eq																			
Demo - E12-13 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Lift #1 (~ -30)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #2 (~ -15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #3 (~ 0)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Lift #4 (~ +15)																			
Rock Placement, Push Off & Tub & Orange Peels																			
Initial Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			
2nd Surcharge and Wick Drains																			
Wick Drains																			
Roll Surcharge																			

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015
		n	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive Piles - Misc Activities	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	19	19	19	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction														0	0	0	0	0	0
	New Container Yard Utilities														0	0	0	0	0	0
	New Container Yard Construction - Paving														0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical														0	0	0	0	0	0
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	6	6	6	6	6	6	6	6	6	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	3	3	3	3	3	3	3	3	3	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015
		n	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
All	Fugitive Dust from Ground Disturbance	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
	Daily Total	816	816	816	816	816	846	846	846	827	827	827	827	827	827	817	796	796	796	796
	Peak Daily Total																			

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E24																								
	Clamshell Dredging																								
	Land Ex																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Prepare for Toe Dike / Construct Dike (1st Lift)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Fill within Dike																								
	Clamshell Dredging																								
	Remaining Dike Lifts																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Remaining Fill Lifts																								
	Clamshell Dredging																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Construct South Mooring Dolphin																								
	Drive 24-In Octagonal Piles - Water																								
	Wick Drains																								
	Wick Drains																								
	Surcharge (Initial Pump, Plus Clamshell or Truck)																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016
	Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																								
Remove Surcharge to Slip 1 Fill Site																								
Roll Surcharge																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Fence, Striping, Crane Power																								
New Container Yard Construction - Electrical																								
Construct Retaining Structure at Pier D Oil Area																								
Retaining Bulkhead Construction																								
Excavate & Truck Material in Cell Bulkhead																								
Land Ex																								
Excavate Material Fronting Pier D																								
Land Ex																								
Clamshell Dredging																								
Remove Cellular Sheetpile																								
Sheet Pile Bulkhead Demolition																								
Rock Revetment																								
Rock Placement, Push Off & Tub & Orange Peels																								
Hydraulic or Clamshell Dredge to -55 ft																								
Clamshell Dredging																								
Ground Improvments Pier D																								
Stone Column Installation Eq																								
Marine Rock Delivery Eq																								
Demo - E12-13 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Lift #1 (~ -30)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #2 (~ -15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #3 (~ 0)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #4 (~ +15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Initial Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
2nd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	4th Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	Remove Surcharge																								
	Roll Surcharge																								
	Container Yard Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	POLB Ocean Blvd Track Reconfiguration																								
	Triple Track Installation Demo Eq																								
	Triple Track Utility Relocation Eq																								
	Triple Track Grading Eq																								
	Triple Track Retaining Wall Eq																								
	Triple Track Trackwork Eq																								
Ph 1-1	Triple Track Miscellaneous Eq																								
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	CY Development																								
	New Container Yard Construction - Paving																								
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016
		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Vibratory Hammer & Power Pack	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0						
	Flatbed Truck	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0						
	Welding Machine	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0						
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-4	Seaside Railyard Area Redevelopment																			0	0	0	0	0	0
	New Container Yard Utilities																			0	0	0	0	0	0
	New Container Yard Construction - Paving																			0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical																			0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	14	14	14	14	14	14	14	14	0	0	0	0	0	0	0	0	0	0	0	0				
Ph 2-2	Construction - New Terminal Buildings																			0	0	0	0	0	0
	Building Construction																			0	0	0	0	0	0
	Dredge and Excavate at Quay Wall																			0	0	0	0	0	0
	Clamshell Dredging																			0	0	0	0	0	0
	Demo Existing F8-10 Wharf																			0	0	0	0	0	0
	Wharf Demolition Landside																			0	0	0	0	0	0
	Wharf Demolition Marine																			0	0	0	0	0	0
	Construct Wharf, Armor, Fill																			0	0	0	0	0	0
	Land Ex																			0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			0	0	0	0	0	0
	Retaining Bulkhead Construction																			0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land																			0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water																			0	0	0	0	0	0
	Drive Piles - Misc Activities																			0	0	0	0	0	0
	Reinforced Concrete Wharf																			0	0	0	0	0	0
	Basin Fill and Surcharge West																			0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)																			0	0	0	0	0	0
	Wick Drains																			0	0	0	0	0	0
	Settlement Period																			0	0	0	0	0	0
Ph 2-2	Roll Surcharge																			0	0	0	0	0	0
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
All	Fugitive Dust from Ground Disturbance	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	713	713	713	713	713	713	713
	Daily Total	796	796	791	791	791	791	791	791	784	784	794	794	794	794	794	794	784	730	730	730	723	723	723	723
	Peak Daily Total																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																		
Remove Surcharge to Slip 1 Fill Site																		
Roll Surcharge																		
Utility Construction																		
New Container Yard Utilities																		
Paving																		
New Container Yard Construction - Paving																		
Lighting, Fence, Striping, Crane Power																		
New Container Yard Construction - Electrical																		
Construct Retaining Structure at Pier D Oil Area																		
Retaining Bulkhead Construction																		
Excavate & Truck Material in Cell Bulkhead																		
Land Ex																		
Excavate Material Fronting Pier D																		
Land Ex																		
Clamshell Dredging																		
Remove Cellular Sheetpile																		
Sheet Pile Bulkhead Demolition																		
Rock Revetment																		
Rock Placement, Push Off & Tub & Orange Peels																		
Hydraulic or Clamshell Dredge to -55 ft																		
Clamshell Dredging																		
Ground Improvments Pier D																		
Stone Column Installation Eq																		
Marine Rock Delivery Eq																		
Demo - E12-13 Wharf																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Lift #1 (~ -30)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #2 (~ -15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #3 (~ 0)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #4 (~ +15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Initial Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
2nd Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-4	New Container Yard Construction - Electrical	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-5	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge																0	0	0
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14	14	14
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
All	Fugitive Dust from Ground Disturbance	713	713	713	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237
	Daily Total	723	730	740	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,279	1,279	1,279	1,279	1,279	1,279	1,279
	Peak Daily Total																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																		
Remove Surcharge to Slip 1 Fill Site																		
Roll Surcharge																		
Utility Construction																		
New Container Yard Utilities																		
Paving																		
New Container Yard Construction - Paving																		
Lighting, Fence, Striping, Crane Power																		
New Container Yard Construction - Electrical																		
Construct Retaining Structure at Pier D Oil Area																		
Retaining Bulkhead Construction																		
Excavate & Truck Material in Cell Bulkhead																		
Land Ex																		
Excavate Material Fronting Pier D																		
Land Ex																		
Clamshell Dredging																		
Remove Cellular Sheetpile																		
Sheet Pile Bulkhead Demolition																		
Rock Revetment																		
Rock Placement, Push Off & Tub & Orange Peels																		
Hydraulic or Clamshell Dredge to -55 ft																		
Clamshell Dredging																		
Ground Improvments Pier D																		
Stone Column Installation Eq																		
Marine Rock Delivery Eq																		
Demo - E12-13 Wharf																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Lift #1 (~ -30)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #2 (~ -15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #3 (~ 0)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #4 (~ +15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Initial Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
2nd Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-4	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0
Ph 1-5	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0
	Wharf Demolition Marine	0	0	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
All	Fugitive Dust from Ground Disturbance	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	982
	Daily Total	1,279	1,279	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,272	1,288	1,288	1,278	1,022
	Peak Daily Total																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Oct		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
	Oct		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																		
Remove Surcharge to Slip 1 Fill Site																		
Roll Surcharge																		
Utility Construction																		
New Container Yard Utilities																		
Paving																		
New Container Yard Construction - Paving																		
Lighting, Fence, Striping, Crane Power																		
New Container Yard Construction - Electrical																		
Construct Retaining Structure at Pier D Oil Area																		
Retaining Bulkhead Construction																		
Excavate & Truck Material in Cell Bulkhead																		
Land Ex																		
Excavate Material Fronting Pier D																		
Land Ex																		
Clamshell Dredging																		
Remove Cellular Sheetpile																		
Sheet Pile Bulkhead Demolition																		
Rock Revetment																		
Rock Placement, Push Off & Tub & Orange Peels																		
Hydraulic or Clamshell Dredge to -55 ft																		
Clamshell Dredging																		
Ground Improvments Pier D																		
Stone Column Installation Eq																		
Marine Rock Delivery Eq																		
Demo - E12-13 Wharf																		
Wharf Demolition Landside																		
Wharf Demolition Marine																		
Lift #1 (~ -30)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #2 (~ -15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #3 (~ 0)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Lift #4 (~ +15)																		
Rock Placement, Push Off & Tub & Orange Peels																		
Initial Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		
2nd Surcharge and Wick Drains																		
Wick Drains																		
Roll Surcharge																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0												
	New Container Yard Utilities	0	0	0	0	0	0												
	New Container Yard Construction - Paving	0	0	0	0	0	0												
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0												
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Rock Placement, Push Off & Tub & Orange Peels	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Retaining Bulkhead Construction	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Drive 24-In Octagonal Piles - Land	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Drive Piles - Misc Activities	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge							0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge							0	0	0	0	0	0	0	0	0	0	0	0
	CY Development							0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities							0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving							0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical							0	0	0	0	0	0	0	0	0	0	0	0
All	Fugitive Dust from Ground Disturbance	982	982	982	982	982	982	982	982	982	982	982	982	982	982	982	753	753	753
	Daily Total	1,022	1,022	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,039	1,039	1,039	1,039	1,032	804	804	804
	Peak Daily Total																		

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E24																								
	Clamshell Dredging																								
	Land Ex																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Prepare for Toe Dike / Construct Dike (1st Lift)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Fill within Dike																								
	Clamshell Dredging																								
	Remaining Dike Lifts																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Remaining Fill Lifts																								
	Clamshell Dredging																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Construct South Mooring Dolphin																								
	Drive 24-In Octagonal Piles - Water																								
	Wick Drains																								
	Wick Drains																								
	Surcharge (Initial Pump, Plus Clamshell or Truck)																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge																								
Remove Surcharge to Slip 1 Fill Site																								
Roll Surcharge																								
Utility Construction																								
New Container Yard Utilities																								
Paving																								
New Container Yard Construction - Paving																								
Lighting, Fence, Striping, Crane Power																								
New Container Yard Construction - Electrical																								
Construct Retaining Structure at Pier D Oil Area																								
Retaining Bulkhead Construction																								
Excavate & Truck Material in Cell Bulkhead																								
Land Ex																								
Excavate Material Fronting Pier D																								
Land Ex																								
Clamshell Dredging																								
Remove Cellular Sheetpile																								
Sheet Pile Bulkhead Demolition																								
Rock Revetment																								
Rock Placement, Push Off & Tub & Orange Peels																								
Hydraulic or Clamshell Dredge to -55 ft																								
Clamshell Dredging																								
Ground Improvments Pier D																								
Stone Column Installation Eq																								
Marine Rock Delivery Eq																								
Demo - E12-13 Wharf																								
Wharf Demolition Landside																								
Wharf Demolition Marine																								
Lift #1 (~ -30)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #2 (~ -15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #3 (~ 0)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Lift #4 (~ +15)																								
Rock Placement, Push Off & Tub & Orange Peels																								
Initial Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								
2nd Surcharge and Wick Drains																								
Wick Drains																								
Roll Surcharge																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	4th Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	Remove Surcharge																								
	Roll Surcharge																								
	Container Yard Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	POLB Ocean Blvd Track Reconfiguration																								
	Triple Track Installation Demo Eq																								
	Triple Track Utility Relocation Eq																								
	Triple Track Grading Eq																								
	Triple Track Retaining Wall Eq																								
	Triple Track Trackwork Eq																								
Ph 1-1	Triple Track Miscellaneous Eq																								
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	CY Development																								
	New Container Yard Construction - Paving																								
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								
Ph 1-3	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E26 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Construct E27 Bulkhead																								
	Retaining Bulkhead Construction																								
	CY Development																								
	Vibratory Hammer & Power Pack																								
	Flatbed Truck																								
	Welding Machine																								
	Hydraulic Dredge to -55ft																								
Ph 1-3	Clamshell Dredging																								
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0												
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0												
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0												
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0												
Ph 1-5	Construction																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-5	New Container Yard Construction - Electrical																								
Ph 2-1	Demolition																								
	Wharf Demolition Landside																								
	Railyard																								
	Intermodal Yard Construction																								
	Container Yard Development (F1 - F4)																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	Demo Existing F1-4, F6 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct East Basin Retaining Dike																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Slip/Basin Fill & Surcharge East																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Roll Surcharge																								
Ph 2-1	Roll Surcharge																								
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	14	14	14	14	14	14	14	14	14	14	14	14	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14	14	14	14	14	14	14	14
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
All	Fugitive Dust from Ground Disturbance	753	753	753	753	753	753	753	753	753	282	282	282	282	282	282	282	282	619	619	619	619	619	619	619
	Daily Total	790	790	790	790	790	790	767	767	767	296	296	296	296	296	296	296	296	632	643	643	643	643	643	643
	Peak Daily Total																								

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Sheet Pile Bulkhead Demolition												
	Construct New Bulkhead												
	Retaining Bulkhead Construction												
	Excavation Fronting E24												
	Clamshell Dredging												
	Land Ex												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Retaining Bulkhead Construction												
	Utility Construction												
	New Container Yard Utilities												
	Paving												
	New Container Yard Construction - Paving												
	Lighting, Striping, Crane Power												
	New Container Yard Construction - Electrical												
	Prepare for Toe Dike / Construct Dike (1st Lift)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Fill within Dike												
	Clamshell Dredging												
	Remaining Dike Lifts												
	Rock Placement, Push Off & Tub & Orange Peels												
	Remaining Fill Lifts												
	Clamshell Dredging												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Retaining Bulkhead Construction												
	Construct South Mooring Dolphin												
	Drive 24-In Octagonal Piles - Water												
	Wick Drains												
	Wick Drains												
	Surcharge (Initial Pump, Plus Clamshell or Truck)												

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Roll Surcharge												
Remove Surcharge to Slip 1 Fill Site												
Roll Surcharge												
Utility Construction												
New Container Yard Utilities												
Paving												
New Container Yard Construction - Paving												
Lighting, Fence, Striping, Crane Power												
New Container Yard Construction - Electrical												
Construct Retaining Structure at Pier D Oil Area												
Retaining Bulkhead Construction												
Excavate & Truck Material in Cell Bulkhead												
Land Ex												
Excavate Material Fronting Pier D												
Land Ex												
Clamshell Dredging												
Remove Cellular Sheetpile												
Sheet Pile Bulkhead Demolition												
Rock Revetment												
Rock Placement, Push Off & Tub & Orange Peels												
Hydraulic or Clamshell Dredge to -55 ft												
Clamshell Dredging												
Ground Improvments Pier D												
Stone Column Installation Eq												
Marine Rock Delivery Eq												
Demo - E12-13 Wharf												
Wharf Demolition Landside												
Wharf Demolition Marine												
Lift #1 (~ -30)												
Rock Placement, Push Off & Tub & Orange Peels												
Lift #2 (~ -15)												
Rock Placement, Push Off & Tub & Orange Peels												
Lift #3 (~ 0)												
Rock Placement, Push Off & Tub & Orange Peels												
Lift #4 (~ +15)												
Rock Placement, Push Off & Tub & Orange Peels												
Initial Surcharge and Wick Drains												
Wick Drains												
Roll Surcharge												
2nd Surcharge and Wick Drains												
Wick Drains												
Roll Surcharge												

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	3rd Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	4th Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	Remove Surcharge												
	Roll Surcharge												
	Container Yard Development												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
	New Container Yard Construction - Electrical												
	POLB Ocean Blvd Track Reconfiguration												
	Triple Track Installation Demo Eq												
	Triple Track Utility Relocation Eq												
	Triple Track Grading Eq												
	Triple Track Retaining Wall Eq												
	Triple Track Trackwork Eq												
Ph 1-1	Triple Track Miscellaneous Eq												
Ph 1-2	Demolish Existing Facilities												
	Sheet Pile Bulkhead Demolition												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Construct New Bulkhead (Install Transition Bulkhead)												
	Retaining Bulkhead Construction												
	Excavation Fronting E25 and Dispose Slip 1												
	Clamshell Dredging												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	CY Development												
	New Container Yard Construction - Paving												
	Dredge to -55 ft												
Ph 1-2	Clamshell Dredging												
Ph 1-3	Demolish Existing Facilities												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Sheet Pile Bulkhead Demolition												

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct New Bulkhead												
	Retaining Bulkhead Construction												
	Excavation Fronting E26 and Dispose Slip 1												
	Clamshell Dredging												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Construct E27 Bulkhead												
	Retaining Bulkhead Construction												
	CY Development												
	Vibratory Hammer & Power Pack												
	Flatbed Truck												
	Welding Machine												
	Hydraulic Dredge to -55ft												
Ph 1-3	Clamshell Dredging												
Ph 1-4	Seaside Railyard Area Redevelopment												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
Ph 1-4	New Container Yard Construction - Electrical												
Ph 1-5	Construction												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
Ph 1-5	New Container Yard Construction - Electrical												
Ph 2-1	Demolition												
	Wharf Demolition Landside												
	Railyard												
	Intermodal Yard Construction												
	Container Yard Development (F1 - F4)												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
	New Container Yard Construction - Electrical												
	Demo Existing F1-4, F6 Wharf												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Construct East Basin Retaining Dike												
	Rock Placement, Push Off & Tub & Orange Peels												
	Slip/Basin Fill & Surcharge East												
	Cutter Suction Dredging- Spill Barge (No Booster)												

A.2.2.1-8 Alternative 1 Construction Peak Daily PM10 Emissions

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Jul		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Cutter Suction Dredging- Land Disposal (No Booster)												
	Wick Drains												
	Roll Surcharge												
Ph 2-1	Roll Surcharge												
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	0	0
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	0	0
Ph 2-3	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	0	0
All	Fugitive Dust from Ground Disturbance	619	619	619	619	619	619	619	619	619	619	619	619
	Daily Total	629	629	629	629	629	629	629	629	629	629	619	619
	Peak Daily Total												

Table A.2.2.1-9 Hourly NOx/CO Emissions - POLB - MHTP - Mitigated/Unmitigated Alternative 1

Construction Project/Activity	*Pounds per Hour*		
	NOx	*CO*	*NO2*
Paving			
New Container Yard Construction - Paving	5.5	1.6	2.56
Wharf Construction			
Drive 24-In Octagonal Piles - Land	8.0	2.4	3.74
Drive 24-In Octagonal Piles - Water	16.4	2.6	7.65
Drive Piles - Misc Activities	3.6	1.0	1.66
Reinforced Concrete Wharf	23.0	4.8	10.75
Retaining Bulkhead Construction	3.6	1.1	1.68
Subtotal	54.6	11.9	25.5
Surcharge (Initial Pump, Plus Clamshell or Truck)			
Roll Surcharge	31.4	9.5	14.68
Remove Cellular Sheetpile			
Sheet Pile Bulkhead Demolition	5.1	1.5	2.39
Ground Improvments Pier D			
Stone Column Installation Eq	19.2	5.8	8.99
Total Hourly NOx Emissions - Pounds	115.8	30.3	54.1

Table A.2.2.1-10 Construction Volume Source NOx/CO Emission Simulations - POLB - MHTP - Mitigated/Unmitigated Alternative 1

Activity/Source ID	Source #	Width (meters)	Area (m2)	# of Sources	Fraction of Total Source Area	Pounds per Hour NO2	Pounds per Hour CO
New Container Yard Construction - Paving							
	512	125	15,625	1	0.60	1.52	0.95
	514	50	2,500	1	0.10	0.24	0.15
	515	50	2,500	1	0.10	0.24	0.15
	516	75	5,625	1	0.21	0.55	0.34
Subtotals			26,250	4	1.00	2.56	1.59
Wharf Construction							
	292	25	625	1	0.03	0.77	0.36
	320	25	625	1	0.03	0.77	0.36
	328	25	625	1	0.03	0.77	0.36
	522	50	2,500	1	0.12	3.09	1.44
	523	50	2,500	1	0.12	3.09	1.44
	524	75	5,625	1	0.27	6.95	3.25
	525	50	2,500	1	0.12	3.09	1.44
	526	75	5,625	1	0.27	6.95	3.25
Subtotals			20,625	8	1.00	25.48	11.92
Roll Surcharge							
	458	125	15,625	1	0.50	7.34	4.73
	459	125	15,625	1	0.50	7.34	4.73
Subtotals			31,250	2	1.00	14.68	9.45
Sheet Pile Bulkhead Demolition							
	13	75	5,625	1	0.20	0.48	0.30
	14	75	5,625	1	0.20	0.48	0.30
	15	75	5,625	1	0.20	0.48	0.30
	16	75	5,625	1	0.20	0.48	0.30
	17	75	5,625	1	0.20	0.48	0.30
Subtotals			28,125	5	1.00	2.39	1.51
Stone Column Installation Eq							
	13	75	5,625	1	0.20	1.80	1.16
	14	75	5,625	1	0.20	1.80	1.16
	15	75	5,625	1	0.20	1.80	1.16
	16	75	5,625	1	0.20	1.80	1.16
	17	75	5,625	1	0.20	1.80	1.16
Subtotals			28,125	5	1.00	8.99	5.80
Total Emissions						54.1	30.3

Table A.2.2.1-11 Hourly PM10/PM2.5 Emissions - POLB - MHTP - Unmitigated Alternative 1

Construction Project/Activity	*Pounds per Hour*	
	PM10	*PM2.5*
Seaside Railyard Area Redevelopment		
New Container Yard Utilities	0.8	0.7
New Container Yard Construction - Paving	0.4	0.3
New Container Yard Construction - Electrical	0.1	0.1
Fugitive Dust	39.6	8.3
Subtotal	40.9	9.4
Develop Terminal North of Ocean Blvd.		
New Container Yard Utilities	0.8	0.7
New Container Yard Construction - Paving	0.4	0.3
New Container Yard Construction - Electrical	0.1	0.1
Fugitive Dust	29.7	6.2
Subtotal	31.0	7.4
Construction - New Terminal Buildings		
Building Construction	0.9	0.8
Fugitive Dust	9.9	2.1
Subtotal	10.8	2.9
Construct Berth 23 Wharf , Armor, Fill		
Land Ex	0.4	0.4
Retaining Bulkhead Construction	0.2	0.2
Drive 24-In Octagonal Piles - Land	0.4	0.4
Drive 24-In Octagonal Piles - Water	0.9	0.8
Drive Piles - Misc Activities	0.2	0.2
Reinforced Concrete Wharf	0.8	0.7
Fugitive Dust	9.9	2.1
Subtotal	12.8	4.8
Total Hourly PM10/PM2.5 Emissions - Pounds	95.4	24.4

Table A.2.2.1-12 Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Unmitigated Alternative 1

Activity/Source ID	*Source #*	*Width (meters)*	*Area (m2)*	*# of Sources*	*Fraction of Total Source Area*	*Pounds per Hour PM10*	*PM2.5*
Seaside Railyard Area Redevelopment							
	413	225	50,625	1	0.42	17.3	4.0
	418	50	2,500	1	0.02	0.9	0.2
	419	75	5,625	1	0.05	1.9	0.4
	420	75	5,625	1	0.05	1.9	0.4
	421	75	5,625	1	0.05	1.9	0.4
	422	75	5,625	1	0.05	1.9	0.4
	424	75	5,625	1	0.05	1.9	0.4
	425	75	5,625	1	0.05	1.9	0.4
	427	150	22,500	1	0.19	7.7	1.8
	428	100	10,000	1	0.08	3.4	0.8
Subtotals			119,375	10	1.00	40.9	9.4
Develop Terminal North of Ocean Blvd.							
	33	125	15,625	1	0.31	9.49	2.26
	34	125	15,625	1	0.31	9.49	2.26
	35	85	7,225	1	0.14	4.39	1.04
	36	50	2,500	1	0.05	1.52	0.36
	37	50	2,500	1	0.05	1.52	0.36
	38	50	2,500	1	0.05	1.52	0.36
	39	50	2,500	1	0.05	1.52	0.36
	40	50	2,500	1	0.05	1.52	0.36
Subtotals			50,975	8	1.00	30.97	7.36
Construction - New Terminal Buildings							
	529	125	15,625	1	1.00	10.79	2.88
Subtotals			15,625	1	1.00	10.79	2.88
Construct Berth 23 Wharf , Armor, Fill							
	541	75	5,625	1	0.23	2.95	1.10
	542	50	2,500	1	0.10	1.31	0.49
	543	50	2,500	1	0.10	1.31	0.49
	545	75	5,625	1	0.23	2.95	1.10
	546	75	5,625	1	0.23	2.95	1.10
	549	50	2,500	1	0.10	1.31	0.49
Subtotals			24,375	6	1.00	12.80	4.76
Total Emissions						95.4	24.4

Alternative 2 Modeling Construction Emissions Tables

Table A.2.2 - Alt2-1. Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Mitigated Alternative 2
Table A.2.2 - Alt2-2. Hourly PM10/PM2.5 Emissions - POLB - MHTP - Mitigated Alternative 2.
Table A.2.2 - Alt2-3. Definition of Peak Daily NOx Emissions - POLB MHTP - Alternative 2.
Table A.2.2 - Alt2-4. Definition of Peak Hourly NOx Emissions - POLB MHTP - Alternative 2.
Table A.2.2 - Alt2-5. Definition of Peak Hourly CO Emissions - POLB MHTP - Alternative 2.
Table A.2.2 - Alt2-6. Construction Volume PM10/PM2.5 Emission Simulations - POLB MHTP - Unmitigated Alternative 2.
Table A.2.2 - Alt2-7. Hourly PM10/PM2.5 Emission - POLB MHTP - Unmitigated Alternative 2.
Table A.2.2 - Alt2-8. Definition of Peak Daily PM10 Emissions - POLB MHTP - Alternative 2.
Table A.2.2 - Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB MHTP - Alternative 2.
Table A.2.2 - Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB MHTP - Alternative 2.

Table A.2.2 - Alt2-1 Construction Volume PM10/PM2.5 Emission Simulations - POLB - MHTP - Mitigated Alternative 2

Activity/Source ID	*Source #*	*Width (meters)*	*Area (m2)*	*# of Sources*	*Fraction of Total Source Area*	*Total Source Area (m2)*	*Combined Sources Area/ Total Source Area*	*Pounds per Hour*	
								PM10	*PM2.5*
Rail Yard									
	See RY VSs	25	625	211	0.003	131,875	0.73	0.09	0.02
	See RY VSs	50	2,500	20	0.014	50,000	0.27	0.38	0.08
Subtotals				231		181,875	1.00	0.5	0.1

Table A.2.2 - Alt2-2 Hourly PM10/PM2.5 Emissions - POLB - MHTP - Mitigated Alternative 2.

Construction Project/Activity	*Pounds per Hour*	
	PM10	*PM2.5*
Rail Yard		
Intermodal Yard Construction	0.6	0.6
Fugitive Dust	26.9	5.6
Subtotal	27.5	6.2
Total Hourly PM10/PM2.5 Emissions - Pounds	27.5	6.2

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside	58	58	58	58	58	58	58	58	58										
	Wharf Demolition Marine	122	122	122	122	122	122	122	122	122										
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41	41	41	41										
	Construct New Bulkhead																			
	Retaining Bulkhead Construction						29	29												
	Excavation Fronting E24																			
	Clamshell Dredging								1,113	1,113	1,113	1,113	1,113	1,113	1,113					
	Land Ex								54	54	54	54	54	54	54					
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels										535	535	535	535	535					
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land												64	64	64	64	64	64	64	64
	Drive 24-In Octagonal Piles - Water												130	130	130	130	130	130	130	130
	Drive Piles - Misc Activities												18	18	18	18	18	18	18	18
	Reinforced Concrete Wharf												184	184	184	184	184	184	184	184
	Retaining Bulkhead Construction												29	29	29	29	29	29	29	29
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels				535	535	535	535	535											
	Fill within Dike																			
	Clamshell Dredging									1,113	1,113	1,113	1,113	1,113						
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels														535	535	535	535	535	535
	Remaining Fill Lifts																			
	Clamshell Dredging																	1,113	1,113	1,113
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction						29	29	29	29	29	29								

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex													54	54	54	54	54	54	54
	Excavate Material Fronting Pier D																			
	Land Ex												54	54	54	54	54	54	54	54
	Clamshell Dredging												1,113	1,113	1,113	1,113	1,113	1,113	1,113	1,113
	Remove Cellular Sheetpile																			
	Sheet Pile Bulkhead Demolition																41	41	41	41
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside										58	58	58	58	58	58	58	58	58	58
	Wharf Demolition Marine										122	122	122	122	122	122	122	122	122	122
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels									535	535	535	535	535	535	535	535			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																	535	535	535
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 1-6	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrical																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrical																			
Daily Total	221	221	221	756	756	813	813	1,952	3,066	3,559	3,559	5,123	5,177	4,599	2,896	2,937	4,051	4,051	4,051
Peak Daily Total	5,177																		
Daily Total - Ph 1/St 2																			

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	64	64	64																	
	Drive 24-In Octagonal Piles - Water	130	130	130																	
	Drive Piles - Misc Activities	18	18	18																	
	Reinforced Concrete Wharf	184	184	184																	
	Retaining Bulkhead Construction	29	29	29																	
	Utility Construction																				
	New Container Yard Utilities			117	117	117															
	Paving																				
	New Container Yard Construction - Paving						44	44													
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical								13	13	13										
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	1,113	1,113	1,113																	
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land				64	64	64	64	64	64	64	64									
	Drive 24-In Octagonal Piles - Water				130	130	130	130	130	130	130	130									
	Drive Piles - Misc Activities				28	28	28	28	28	28	28	28									
	Reinforced Concrete Wharf				183	183	183	183	183	183	183	183									
	Retaining Bulkhead Construction				29	29	29	29	29	29	29	29									
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water											130	130	130	130						
	Wick Drains																				
	Wick Drains				6	6	6														
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge							251	251	251											
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																251	251			
	Utility Construction																				
	New Container Yard Utilities											117	117	117	117	117	117				
	Paving																				
	New Container Yard Construction - Paving																44	44	44	44	44
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				13
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	54	54	54	54																
	Excavate Material Fronting Pier D																				
	Land Ex	54	54	54	54																
	Clamshell Dredging	1,113	1,113	1,113	1,113																
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41	41	41												
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels		535	535	535	535	535	535	535	535	535	535	535								
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging				1,113	1,113															
	Ground Improvments Pier D																				
	Stone Column Installation Eq						154	154	154	154	154	154	154	154							
	Marine Rock Delivery Eq						560	560	560	560	560	560	560	560							
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	58	58																		
	Wharf Demolition Marine	122	122																		
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels	535	535	535	535	535															
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels						535	535	535	535	535	535									
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels												535	535	535	535	535	535			
	Initial Surcharge and Wick Drains																				
	Wick Drains																		6		
	Roll Surcharge																		251		
	2nd Surcharge and Wick Drains																				
	Wick Drains																			6	6
	Roll Surcharge																			251	251
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		ıg	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 1-6	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	g	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Ju*
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrical																				
Demo Existing F1-4, F6 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct East Basin Retaining Dike																				
Rock Placement, Push Off & Tub & Orange Peels																				
Slip/Basin Fill & Surcharge East																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Roll Surcharge																				
Roll Surcharge																				
Construction - New Terminal Buildings																				
Building Construction																				
Dredge and Excavate at Quay Wall																				
Clamshell Dredging																				
Demo Existing F8-10 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct Wharf, Armor, Fill																				
Land Ex																				
Rock Placement, Push Off & Tub & Orange Peels																				
Retaining Bulkhead Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Basin Fill and Surcharge West																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Settlement Period																				
Roll Surcharge																				
Remove Surcharge																				
Roll Surcharge																				
CY Development																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrical																				
Daily Total	3,516	4,051	3,987	4,003	2,781	2,308	2,553	2,522	2,481	2,229	2,464	2,029	1,495	781	651	947	830	302	302	314
Peak Daily Total																				
Daily Total - Ph 1/St 2																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving	44																						
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical	13	13	13	13	13																		
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains	6	6																					
	Roll Surcharge	251	251																					
	4th Surcharge and Wick Drains																							
	Wick Drains			6	6	6	6																	
	Roll Surcharge			251	251	251	251																	
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq							18																
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq									6														
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq											6	6	6	6	6	6	6	6	6				
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition									41	41	41	41	41	41									
	Wharf Demolition Landside									58	58	58	58	58	58									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Wharf Demolition Marine									109	109	109	109	109	109									
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction											29	29	29										
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging										865	865	865	865	865									
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels															419	419	419	419	419	419			
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																					64	64	64
	Drive 24-In Octagonal Piles - Water																					109	109	109
	Drive Piles - Misc Activities																					28	28	28
	Reinforced Concrete Wharf																					162	162	162
	CY Development																							
	New Container Yard Construction - Paving																							
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging															865	865							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-4	New Container Yard Construction - Electrical																							
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 1-6	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
New Container Yard Construction - Paving																							
New Container Yard Construction - Electrical																							
Demo Existing F1-4, F6 Wharf																							
Wharf Demolition Landside																							
Wharf Demolition Marine																							
Construct East Basin Retaining Dike																							
Rock Placement, Push Off & Tub & Orange Peels																							
Slip/Basin Fill & Surcharge East																							
Cutter Suction Dredging- Spill Barge (No Booster)																							
Cutter Suction Dredging- Land Disposal (No Booster)																							
Wick Drains																							
Roll Surcharge																							
Roll Surcharge																							
Construction - New Terminal Buildings																							
Building Construction																							
Dredge and Excavate at Quay Wall																							
Clamshell Dredging																							
Demo Existing F8-10 Wharf																							
Wharf Demolition Landside																							
Wharf Demolition Marine																							
Construct Wharf, Armor, Fill																							
Land Ex																							
Rock Placement, Push Off & Tub & Orange Peels																							
Retaining Bulkhead Construction																							
Drive 24-In Octagonal Piles - Land																							
Drive 24-In Octagonal Piles - Water																							
Drive Piles - Misc Activities																							
Reinforced Concrete Wharf																							
Basin Fill and Surcharge West																							
Cutter Suction Dredging- Spill Barge (No Booster)																							
Cutter Suction Dredging- Land Disposal (No Booster)																							
Wick Drains																							
Settlement Period																							
Roll Surcharge																							
Remove Surcharge																							
Roll Surcharge																							
CY Development																							
New Container Yard Utilities																							
New Container Yard Construction - Paving																							
New Container Yard Construction - Electrical																							
Daily Total	314	270	270	270	270	258	18		214	1,073	1,108	1,108	1,108	1,079	1,289	1,289	425	425	425	419	364	364	364
Peak Daily Total																							
Daily Total - Ph 1/St 2																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E24																									
	Clamshell Dredging																									
	Land Ex																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Prepare for Toe Dike / Construct Dike (1st Lift)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Fill within Dike																									
	Clamshell Dredging																									
	Remaining Dike Lifts																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Remaining Fill Lifts																									
	Clamshell Dredging																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Construct South Mooring Dolphin																									
	Drive 24-In Octagonal Piles - Water																									
	Wick Drains																									
	Wick Drains																									
	Surcharge (Initial Pump, Plus Clamshell or Truck)																									
	Roll Surcharge																									
	Remove Surcharge to Slip 1 Fill Site																									
	Roll Surcharge																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Fence, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Construct Retaining Structure at Pier D Oil Area																									
	Retaining Bulkhead Construction																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Excavate & Truck Material in Cell Bulkhead																									
	Land Ex																									
	Excavate Material Fronting Pier D																									
	Land Ex																									
	Clamshell Dredging																									
	Remove Cellular Sheetpile																									
	Sheet Pile Bulkhead Demolition																									
	Rock Revetment																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Hydraulic or Clamshell Dredge to -55 ft																									
	Clamshell Dredging																									
	Ground Improvments Pier D																									
	Stone Column Installation Eq																									
	Marine Rock Delivery Eq																									
	Demo - E12-13 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Lift #1 (~ -30)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #2 (~ -15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #3 (~ 0)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #4 (~ +15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Initial Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	2nd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	3rd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	4th Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	Remove Surcharge																									
	Roll Surcharge	251	251	251	251																					
	Container Yard Development																									
	New Container Yard Utilities					117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	
	New Container Yard Construction - Paving					44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
	New Container Yard Construction - Electrical					13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
	POLB Ocean Blvd Track Reconfiguration																									
	Triple Track Installation Demo Eq																									
	Triple Track Utility Relocation Eq																									
	Triple Track Grading Eq																									
	Triple Track Retaining Wall Eq																									
	Triple Track Trackwork Eq																									
Ph 1-1	Triple Track Miscellaneous Eq																									
Ph 1-2	Demolish Existing Facilities																									
	Sheet Pile Bulkhead Demolition																									
	Wharf Demolition Landside																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	Activity	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Wharf Demolition Marine																									
	Construct New Bulkhead (Install Transition Bulkhead)																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E25 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64	64	64	64																
	Drive 24-In Octagonal Piles - Water	109	109	109	109	109	109	109	109	109																
	Drive Piles - Misc Activities	28	28	28	28	28	28	28	28	28																
	Reinforced Concrete Wharf	162	162	162	162	162	162	162	162	162																
	CY Development																									
	New Container Yard Construction - Paving										44	44	44	44	44	44	44	44	44	44	44					
	Dredge to -55 ft																									
Ph 1-2	Clamshell Dredging																									
Ph 1-3	Demolish Existing Facilities																									
	Wharf Demolition Landside																					58	58	58	58	58
	Wharf Demolition Marine																					97	97	97	97	97
	Sheet Pile Bulkhead Demolition																					41	41	41	41	41
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E26 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Construct E27 Bulkhead																									
	Retaining Bulkhead Construction																									
	CY Development																									
	Vibratory Hammer & Power Pack																									
	Flatbed Truck																									
	Welding Machine																									
	Hydraulic Dredge to -55ft																									
Ph 1-3	Clamshell Dredging																									
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-5	New Container Yard Construction - Electrical																									
Ph 1-6	Demolition																									
	Wharf Demolition Landside																									58
	Railyard																									
	Intermodal Yard Construction																									
	Container Yard Development (F1 - F4)																									
	New Container Yard Utilities																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Demo Existing F1-4, F6 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct East Basin Retaining Dike																									
Rock Placement, Push Off & Tub & Orange Peels																									
Slip/Basin Fill & Surcharge East																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Roll Surcharge																									
Roll Surcharge																									
Construction - New Terminal Buildings																									
Building Construction																									
Dredge and Excavate at Quay Wall																									
Clamshell Dredging																									
Demo Existing F8-10 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct Wharf, Armor, Fill																									
Land Ex																									
Rock Placement, Push Off & Tub & Orange Peels																									
Retaining Bulkhead Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Basin Fill and Surcharge West																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Settlement Period																									
Roll Surcharge																									
Remove Surcharge																									
Roll Surcharge																									
CY Development																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Daily Total	615	615	615	615	537	537	537	537	537	217	217	217	217	217	217	217	217	217	217	217	370	370	370	370	255
Peak Daily Total																									
Daily Total - Ph 1/St 2																									58

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside	58	58	58	58	58	58														
	Wharf Demolition Marine	97	97	97	97	97	97														
	Sheet Pile Bulkhead Demolition	41	41	41	41	41	41														
	Construct New Bulkhead																				
	Retaining Bulkhead Construction							29	29	29	29	29	29								
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging													610	610	610	610	610	610	610	610
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction													29	29	29					
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 1-6	Demolition																				
	Wharf Demolition Landside	58	58	58	58	58	58	58	58												
	Railyard																				
	Intermodal Yard Construction									77	77	77	77	77	77	77	77	77	77	77	77
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014
	n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrical																				
Demo Existing F1-4, F6 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct East Basin Retaining Dike																				
Rock Placement, Push Off & Tub & Orange Peels																				
Slip/Basin Fill & Surcharge East																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Roll Surcharge																				
Roll Surcharge																				
Construction - New Terminal Buildings																				
Building Construction																				
Dredge and Excavate at Quay Wall																				
Clamshell Dredging																				
Demo Existing F8-10 Wharf																				
Wharf Demolition Landside																				
Wharf Demolition Marine																				
Construct Wharf, Armor, Fill																				
Land Ex																				
Rock Placement, Push Off & Tub & Orange Peels																				
Retaining Bulkhead Construction																				
Drive 24-In Octagonal Piles - Land																				
Drive 24-In Octagonal Piles - Water																				
Drive Piles - Misc Activities																				
Reinforced Concrete Wharf																				
Basin Fill and Surcharge West																				
Cutter Suction Dredging- Spill Barge (No Booster)																				
Cutter Suction Dredging- Land Disposal (No Booster)																				
Wick Drains																				
Settlement Period																				
Roll Surcharge																				
Remove Surcharge																				
Roll Surcharge																				
CY Development																				
New Container Yard Utilities																				
New Container Yard Construction - Paving																				
New Container Yard Construction - Electrical																				
Daily Total	255	255	255	255	255	255	87	87	106	106	106	106	716	716	716	687	687	687	687	687
Peak Daily Total																				
Daily Total - Ph 1/St 2	58	58	58	58	58	58	58	58	77	77	77	77	77	77	77	77	77	77	77	77

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	Activity	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels		304	304	304	304	304	304	304	304										
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land										64	64	64	64	64	64	64	64	64	64
	Drive 24-In Octagonal Piles - Water										88	88	88	88	88	88	88	88	88	88
	Drive Piles - Misc Activities										28	28	28	28	28	28	28	28	28	28
	Reinforced Concrete Wharf										141	141	141	141	141	141	141	141	141	141
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging										611	611	611							
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 1-6	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction	77	77	77	77	77	77	77	77	77										
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities										117	117	117	117	117	117	117	117	117	

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015
	pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
New Container Yard Construction - Paving										44	44	44	44	44	44	44	44	44	
New Container Yard Construction - Electrical										13	13	13	13	13	13	13	13	13	
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex																			
Rock Placement, Push Off & Tub & Orange Peels																			
Retaining Bulkhead Construction																			
Drive 24-In Octagonal Piles - Land																			
Drive 24-In Octagonal Piles - Water																			
Drive Piles - Misc Activities																			
Reinforced Concrete Wharf																			
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrical																			
Daily Total	77	381	381	381	381	381	381	381	381	1,106	1,106	1,106	495	495	495	495	495	495	322
Peak Daily Total																			
Daily Total - Ph 1/St 2	77	77	77	77	77	77	77	77	77	173	173	173	173	173	173	173	173	173	

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Fe
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E24																									
	Clamshell Dredging																									
	Land Ex																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Prepare for Toe Dike / Construct Dike (1st Lift)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Fill within Dike																									
	Clamshell Dredging																									
	Remaining Dike Lifts																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Remaining Fill Lifts																									
	Clamshell Dredging																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Construct South Mooring Dolphin																									
	Drive 24-In Octagonal Piles - Water																									
	Wick Drains																									
	Wick Drains																									
	Surcharge (Initial Pump, Plus Clamshell or Truck)																									
	Roll Surcharge																									
	Remove Surcharge to Slip 1 Fill Site																									
	Roll Surcharge																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Fence, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Construct Retaining Structure at Pier D Oil Area																									
	Retaining Bulkhead Construction																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016
		Feb		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Excavate & Truck Material in Cell Bulkhead																									
	Land Ex																									
	Excavate Material Fronting Pier D																									
	Land Ex																									
	Clamshell Dredging																									
	Remove Cellular Sheetpile																									
	Sheet Pile Bulkhead Demolition																									
	Rock Revetment																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Hydraulic or Clamshell Dredge to -55 ft																									
	Clamshell Dredging																									
	Ground Improvments Pier D																									
	Stone Column Installation Eq																									
	Marine Rock Delivery Eq																									
	Demo - E12-13 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Lift #1 (~ -30)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #2 (~ -15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #3 (~ 0)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #4 (~ +15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Initial Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	2nd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	3rd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	4th Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	Remove Surcharge																									
	Roll Surcharge																									
	Container Yard Development																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
	New Container Yard Construction - Electrical																									
	POLB Ocean Blvd Track Reconfiguration																									
	Triple Track Installation Demo Eq																									
	Triple Track Utility Relocation Eq																									
	Triple Track Grading Eq																									
	Triple Track Retaining Wall Eq																									
	Triple Track Trackwork Eq																									
Ph 1-1	Triple Track Miscellaneous Eq																									
Ph 1-2	Demolish Existing Facilities																									
	Sheet Pile Bulkhead Demolition																									
	Wharf Demolition Landside																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	Activity	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Fe
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Wharf Demolition Marine																									
	Construct New Bulkhead (Install Transition Bulkhead)																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E25 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	CY Development																									
	New Container Yard Construction - Paving																									
	Dredge to -55 ft																									
Ph 1-2	Clamshell Dredging																									
Ph 1-3	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E26 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64																			
	Drive 24-In Octagonal Piles - Water	88	88	88	88	88	88																			
	Drive Piles - Misc Activities	28	28	28	28	28	28																			
	Reinforced Concrete Wharf	141	141	141	141	141	141																			
	Construct E27 Bulkhead																									
	Retaining Bulkhead Construction																									
	CY Development																									
	Vibratory Hammer & Power Pack							117	117	117	117	117	117	117	117	117	117	117	117	117	117					
	Flatbed Truck							44	44	44	44	44	44	44	44	44	44	44	44	44	44					
	Welding Machine							13	13	13	13	13	13	13	13	13	13	13	13	13	13					
	Hydraulic Dredge to -55ft																									
Ph 1-3	Clamshell Dredging																									
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities															117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving															44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical															13	13	13	13	13	13	13	13	13	13	13
Ph 1-6	Demolition																									
	Wharf Demolition Landside																									
	Railyard																									
	Intermodal Yard Construction																									
	Container Yard Development (F1 - F4)																									
	New Container Yard Utilities																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

Activity	2015 Feb 1st	2015 Feb 2nd	2015 Mar 1st	2015 Mar 2nd	2015 Apr 1st	2015 Apr 2nd	2015 May 1st	2015 May 2nd	2015 Jun 1st	2015 Jun 2nd	2015 Jul 1st	2015 Jul 2nd	2015 Aug 1st	2015 Aug 2nd	2015 Sep 1st	2015 Sep 2nd	2015 Oct 1st	2015 Oct 2nd	2015 Nov 1st	2015 Nov 2nd	2015 Dec 1st	2015 Dec 2nd	2016 Jan 1st	2016 Jan 2nd	2016 Fe 1st
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Demo Existing F1-4, F6 Wharf																									
Wharf Demolition Landside													58	58	58	58	58	58	58	58	58	58	58	58	
Wharf Demolition Marine																									
Construct East Basin Retaining Dike																									
Rock Placement, Push Off & Tub & Orange Peels																									
Slip/Basin Fill & Surcharge East																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Roll Surcharge																									
Roll Surcharge																									
Construction - New Terminal Buildings																									
Building Construction																									
Dredge and Excavate at Quay Wall																									
Clamshell Dredging																									
Demo Existing F8-10 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct Wharf, Armor, Fill																									
Land Ex																									
Rock Placement, Push Off & Tub & Orange Peels																									
Retaining Bulkhead Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Basin Fill and Surcharge West																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Settlement Period																									
Roll Surcharge																									
Remove Surcharge																									
Roll Surcharge																									
CY Development																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Daily Total	322	322	322	322	322	322	173	173	173	173	173	173	232	232	405	405	405	405	405	405	232	232	232	232	173
Peak Daily Total																									
Daily Total - Ph 1/St 2													58	58	58	58	58	58	58	58	58	58	58	58	

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017
		b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			Ja
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd		1st
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017
		b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			Ja
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017
		b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			Ja
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd		1st
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities						117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving						44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical						13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction																							
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-6	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017
	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			Ja
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*		*1st*
New Container Yard Construction - Paving																							
New Container Yard Construction - Electrical																							
Demo Existing F1-4, F6 Wharf																							
Wharf Demolition Landside																							
Wharf Demolition Marine																							
Construct East Basin Retaining Dike																							
Rock Placement, Push Off & Tub & Orange Peels																							
Slip/Basin Fill & Surcharge East																							
Cutter Suction Dredging- Spill Barge (No Booster)																							
Cutter Suction Dredging- Land Disposal (No Booster)																							
Wick Drains																							
Roll Surcharge																							
Roll Surcharge																							
Construction - New Terminal Buildings																							
Building Construction																							
Dredge and Excavate at Quay Wall																							
Clamshell Dredging																							
Demo Existing F8-10 Wharf																							
Wharf Demolition Landside																							
Wharf Demolition Marine																							
Construct Wharf, Armor, Fill																							
Land Ex																							
Rock Placement, Push Off & Tub & Orange Peels																							
Retaining Bulkhead Construction																							
Drive 24-In Octagonal Piles - Land																							
Drive 24-In Octagonal Piles - Water																							
Drive Piles - Misc Activities																							
Reinforced Concrete Wharf																							
Basin Fill and Surcharge West																							
Cutter Suction Dredging- Spill Barge (No Booster)																							
Cutter Suction Dredging- Land Disposal (No Booster)																							
Wick Drains																							
Settlement Period																							
Roll Surcharge																							
Remove Surcharge																							
Roll Surcharge																							
CY Development																							
New Container Yard Utilities																							
New Container Yard Construction - Paving																							
New Container Yard Construction - Electrical																							
Daily Total	173	173	173	173	173	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347
Peak Daily Total																							
Daily Total - Ph 1/St 2																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		n	Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		De	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		n	Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		De	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	Activity	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		n	Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		De
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Wharf Demolition Marine																						
	Construct New Bulkhead (Install Transition Bulkhead)																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E25 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	CY Development																						
	New Container Yard Construction - Paving																						
	Dredge to -55 ft																						
Ph 1-2	Clamshell Dredging																						
Ph 1-3	Demolish Existing Facilities																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Sheet Pile Bulkhead Demolition																						
	Construct New Bulkhead																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E26 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Construct E27 Bulkhead																						
	Retaining Bulkhead Construction																						
	CY Development																						
	Vibratory Hammer & Power Pack																						
	Flatbed Truck																						
	Welding Machine																						
	Hydraulic Dredge to -55ft																						
Ph 1-3	Clamshell Dredging																						
Ph 1-4	Seaside Railyard Area Redevelopment																						
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction																						
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117							
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44							
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13							
Ph 1-6	Demolition																						
	Wharf Demolition Landside																						
	Railyard																						
	Intermodal Yard Construction																						
	Container Yard Development (F1 - F4)																						
	New Container Yard Utilities																						

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	n	Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		De
Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrical																						
Demo Existing F1-4, F6 Wharf																						
Wharf Demolition Landside																						
Wharf Demolition Marine																						
Construct East Basin Retaining Dike																						
Rock Placement, Push Off & Tub & Orange Peels																						
Slip/Basin Fill & Surcharge East																						
Cutter Suction Dredging- Spill Barge (No Booster)																						
Cutter Suction Dredging- Land Disposal (No Booster)																						
Wick Drains																						
Roll Surcharge																						
Roll Surcharge																						
Construction - New Terminal Buildings																						
Building Construction																						
Dredge and Excavate at Quay Wall																						
Clamshell Dredging																						
Demo Existing F8-10 Wharf																						
Wharf Demolition Landside		58	58	58	58	58	58	58	58	58	58	58	58									
Wharf Demolition Marine		90	90	90	90	90	90	90	90	90	90	90	90									
Construct Wharf, Armor, Fill																						
Land Ex														54	54	54	54	54	54	54	54	54
Rock Placement, Push Off & Tub & Orange Peels														237	237	237	237	237	237	237	237	237
Retaining Bulkhead Construction														29	29	29	29	29	29	29	29	29
Drive 24-In Octagonal Piles - Land														64	64	64	64	64	64	64	64	64
Drive 24-In Octagonal Piles - Water														76	76	76	76	76	76	76	76	76
Drive Piles - Misc Activities														28	28	28	28	28	28	28	28	28
Reinforced Concrete Wharf														63	63	63	63	63	63	63	63	63
Basin Fill and Surcharge West																						
Cutter Suction Dredging- Spill Barge (No Booster)																						
Cutter Suction Dredging- Land Disposal (No Booster)																						
Wick Drains																						
Settlement Period																						
Roll Surcharge																						
Remove Surcharge																						
Roll Surcharge																						
CY Development																						
New Container Yard Utilities																						
New Container Yard Construction - Paving																						
New Container Yard Construction - Electrical																						
Daily Total	347	495	495	495	495	495	495	495	495	495	495	495	495	898	898	725	725	725	725	725	725	725
Peak Daily Total																						
Daily Total - Ph 1/St 2		148	148	148	148	148	148	148	148	148	148	148	148	551	551	551	551	551	551	551	551	551

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities	117	117	117	117	117															
	New Container Yard Construction - Paving	44	44	44	44	44															
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13															
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 1-6	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrical																			
Demo Existing F1-4, F6 Wharf																			
Wharf Demolition Landside											58	58	58	58	58	58	58	58	58
Wharf Demolition Marine																			
Construct East Basin Retaining Dike																			
Rock Placement, Push Off & Tub & Orange Peels																			
Slip/Basin Fill & Surcharge East																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Roll Surcharge																			
Roll Surcharge																			
Construction - New Terminal Buildings																			
Building Construction																			
Dredge and Excavate at Quay Wall																			
Clamshell Dredging																			
Demo Existing F8-10 Wharf																			
Wharf Demolition Landside																			
Wharf Demolition Marine																			
Construct Wharf, Armor, Fill																			
Land Ex	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
Rock Placement, Push Off & Tub & Orange Peels	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237
Retaining Bulkhead Construction	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Drive 24-In Octagonal Piles - Land	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Drive 24-In Octagonal Piles - Water	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
Drive Piles - Misc Activities	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Reinforced Concrete Wharf	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
Basin Fill and Surcharge West																			
Cutter Suction Dredging- Spill Barge (No Booster)																			
Cutter Suction Dredging- Land Disposal (No Booster)																			
Wick Drains																			
Settlement Period																			
Roll Surcharge																			
Remove Surcharge																			
Roll Surcharge																			
CY Development																			
New Container Yard Utilities																			
New Container Yard Construction - Paving																			
New Container Yard Construction - Electrical																			
Daily Total	725	725	725	725	725	551	551	551	551	551	610	610	610	610	610	610	610	610	610
Peak Daily Total																			
Daily Total - Ph 1/St 2	551	551	551	551	551	551	551	551	551	551	610	610	610	610	610	610	610	610	610

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Oct		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E24																									
	Clamshell Dredging																									
	Land Ex																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Prepare for Toe Dike / Construct Dike (1st Lift)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Fill within Dike																									
	Clamshell Dredging																									
	Remaining Dike Lifts																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Remaining Fill Lifts																									
	Clamshell Dredging																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Construct South Mooring Dolphin																									
	Drive 24-In Octagonal Piles - Water																									
	Wick Drains																									
	Wick Drains																									
	Surcharge (Initial Pump, Plus Clamshell or Truck)																									
	Roll Surcharge																									
	Remove Surcharge to Slip 1 Fill Site																									
	Roll Surcharge																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Fence, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Construct Retaining Structure at Pier D Oil Area																									
	Retaining Bulkhead Construction																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		O
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Excavate & Truck Material in Cell Bulkhead																									
	Land Ex																									
	Excavate Material Fronting Pier D																									
	Land Ex																									
	Clamshell Dredging																									
	Remove Cellular Sheetpile																									
	Sheet Pile Bulkhead Demolition																									
	Rock Revetment																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Hydraulic or Clamshell Dredge to -55 ft																									
	Clamshell Dredging																									
	Ground Improvments Pier D																									
	Stone Column Installation Eq																									
	Marine Rock Delivery Eq																									
	Demo - E12-13 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Lift #1 (~ -30)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #2 (~ -15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #3 (~ 0)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #4 (~ +15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Initial Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	2nd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	3rd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	4th Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	Remove Surcharge																									
	Roll Surcharge																									
	Container Yard Development																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
	New Container Yard Construction - Electrical																									
	POLB Ocean Blvd Track Reconfiguration																									
	Triple Track Installation Demo Eq																									
	Triple Track Utility Relocation Eq																									
	Triple Track Grading Eq																									
	Triple Track Retaining Wall Eq																									
	Triple Track Trackwork Eq																									
Ph 1-1	Triple Track Miscellaneous Eq																									
Ph 1-2	Demolish Existing Facilities																									
	Sheet Pile Bulkhead Demolition																									
	Wharf Demolition Landside																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		O
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																									
	Construct New Bulkhead (Install Transition Bulkhead)																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E25 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	CY Development																									
	New Container Yard Construction - Paving																									
	Dredge to -55 ft																									
Ph 1-2	Clamshell Dredging																									
Ph 1-3	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E26 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Construct E27 Bulkhead																									
	Retaining Bulkhead Construction																									
	CY Development																									
	Vibratory Hammer & Power Pack																									
	Flatbed Truck																									
	Welding Machine																									
	Hydraulic Dredge to -55ft																									
Ph 1-3	Clamshell Dredging																									
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-5	New Container Yard Construction - Electrical																									
Ph 1-6	Demolition																									
	Wharf Demolition Landside																									
	Railyard																									
	Intermodal Yard Construction																									
	Container Yard Development (F1 - F4)																									
	New Container Yard Utilities																									

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		O
Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Demo Existing F1-4, F6 Wharf																									
Wharf Demolition Landside	58	58	58																						
Wharf Demolition Marine																									
Construct East Basin Retaining Dike																									
Rock Placement, Push Off & Tub & Orange Peels																									
Slip/Basin Fill & Surcharge East																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Roll Surcharge																									
Roll Surcharge																									
Construction - New Terminal Buildings																									
Building Construction																									
Dredge and Excavate at Quay Wall																									
Clamshell Dredging																									
Demo Existing F8-10 Wharf																									
Wharf Demolition Landside																									
Wharf Demolition Marine																									
Construct Wharf, Armor, Fill																									
Land Ex																									
Rock Placement, Push Off & Tub & Orange Peels																									
Retaining Bulkhead Construction																									
Drive 24-In Octagonal Piles - Land																									
Drive 24-In Octagonal Piles - Water																									
Drive Piles - Misc Activities																									
Reinforced Concrete Wharf																									
Basin Fill and Surcharge West																									
Cutter Suction Dredging- Spill Barge (No Booster)																									
Cutter Suction Dredging- Land Disposal (No Booster)																									
Wick Drains																									
Settlement Period																									
Roll Surcharge																									
Remove Surcharge																									
Roll Surcharge																									
CY Development																									
New Container Yard Utilities																									
New Container Yard Construction - Paving																									
New Container Yard Construction - Electrical																									
Daily Total	58	58	58																						
Peak Daily Total																									
Daily Total - Ph 1/St 2	58	58	58																						

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2019	2019	2019	2019	2019
		ct	Nov		Dec	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities					
	Wharf Demolition Landside					
	Wharf Demolition Marine					
	Sheet Pile Bulkhead Demolition					
	Construct New Bulkhead					
	Retaining Bulkhead Construction					
	Excavation Fronting E24					
	Clamshell Dredging					
	Land Ex					
	Construct New Armor Slope					
	Rock Placement, Push Off & Tub & Orange Peels					
	Wharf Construction					
	Drive 24-In Octagonal Piles - Land					
	Drive 24-In Octagonal Piles - Water					
	Drive Piles - Misc Activities					
	Reinforced Concrete Wharf					
	Retaining Bulkhead Construction					
	Utility Construction					
	New Container Yard Utilities					
	Paving					
	New Container Yard Construction - Paving					
	Lighting, Striping, Crane Power					
	New Container Yard Construction - Electrical					
	Prepare for Toe Dike / Construct Dike (1st Lift)					
	Rock Placement, Push Off & Tub & Orange Peels					
	Fill within Dike					
	Clamshell Dredging					
	Remaining Dike Lifts					
	Rock Placement, Push Off & Tub & Orange Peels					
	Remaining Fill Lifts					
	Clamshell Dredging					
	Wharf Construction					
	Drive 24-In Octagonal Piles - Land					
	Drive 24-In Octagonal Piles - Water					
	Drive Piles - Misc Activities					
	Reinforced Concrete Wharf					
	Retaining Bulkhead Construction					
	Construct South Mooring Dolphin					
	Drive 24-In Octagonal Piles - Water					
	Wick Drains					
	Wick Drains					
	Surcharge (Initial Pump, Plus Clamshell or Truck)					
	Roll Surcharge					
	Remove Surcharge to Slip 1 Fill Site					
	Roll Surcharge					
	Utility Construction					
	New Container Yard Utilities					
	Paving					
	New Container Yard Construction - Paving					
	Lighting, Fence, Striping, Crane Power					
	New Container Yard Construction - Electrical					
	Construct Retaining Structure at Pier D Oil Area					
	Retaining Bulkhead Construction					

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

		2019	2019	2019	2019	2019
		ct	Nov		Dec	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Excavate & Truck Material in Cell Bulkhead					
	Land Ex					
	Excavate Material Fronting Pier D					
	Land Ex					
	Clamshell Dredging					
	Remove Cellular Sheetpile					
	Sheet Pile Bulkhead Demolition					
	Rock Revetment					
	Rock Placement, Push Off & Tub & Orange Peels					
	Hydraulic or Clamshell Dredge to -55 ft					
	Clamshell Dredging					
	Ground Improvments Pier D					
	Stone Column Installation Eq					
	Marine Rock Delivery Eq					
	Demo - E12-13 Wharf					
	Wharf Demolition Landside					
	Wharf Demolition Marine					
	Lift #1 (~ -30)					
	Rock Placement, Push Off & Tub & Orange Peels					
	Lift #2 (~ -15)					
	Rock Placement, Push Off & Tub & Orange Peels					
	Lift #3 (~ 0)					
	Rock Placement, Push Off & Tub & Orange Peels					
	Lift #4 (~ +15)					
	Rock Placement, Push Off & Tub & Orange Peels					
	Initial Surcharge and Wick Drains					
	Wick Drains					
	Roll Surcharge					
	2nd Surcharge and Wick Drains					
	Wick Drains					
	Roll Surcharge					
	3rd Surcharge and Wick Drains					
	Wick Drains					
	Roll Surcharge					
	4th Surcharge and Wick Drains					
	Wick Drains					
	Roll Surcharge					
	Remove Surcharge					
	Roll Surcharge					
	Container Yard Development					
	New Container Yard Utilities					
	New Container Yard Construction - Paving					
	New Container Yard Construction - Electrical					
	POLB Ocean Blvd Track Reconfiguration					
	Triple Track Installation Demo Eq					
	Triple Track Utility Relocation Eq					
	Triple Track Grading Eq					
	Triple Track Retaining Wall Eq					
	Triple Track Trackwork Eq					
Ph 1-1	Triple Track Miscellaneous Eq					
Ph 1-2	Demolish Existing Facilities					
	Sheet Pile Bulkhead Demolition					
	Wharf Demolition Landside					

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions -
POLB MHTP - Alternative 2

		2019	2019	2019	2019	2019
		ct	Nov		Dec	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine					
	Construct New Bulkhead (Install Transition Bulkhead)					
	Retaining Bulkhead Construction					
	Excavation Fronting E25 and Dispose Slip 1					
	Clamshell Dredging					
	Construct New Armor Slope					
	Rock Placement, Push Off & Tub & Orange Peels					
	Wharf Construction					
	Drive 24-In Octagonal Piles - Land					
	Drive 24-In Octagonal Piles - Water					
	Drive Piles - Misc Activities					
	Reinforced Concrete Wharf					
	CY Development					
	New Container Yard Construction - Paving					
	Dredge to -55 ft					
Ph 1-2	Clamshell Dredging					
Ph 1-3	Demolish Existing Facilities					
	Wharf Demolition Landside					
	Wharf Demolition Marine					
	Sheet Pile Bulkhead Demolition					
	Construct New Bulkhead					
	Retaining Bulkhead Construction					
	Excavation Fronting E26 and Dispose Slip 1					
	Clamshell Dredging					
	Construct New Armor Slope					
	Rock Placement, Push Off & Tub & Orange Peels					
	Wharf Construction					
	Drive 24-In Octagonal Piles - Land					
	Drive 24-In Octagonal Piles - Water					
	Drive Piles - Misc Activities					
	Reinforced Concrete Wharf					
	Construct E27 Bulkhead					
	Retaining Bulkhead Construction					
	CY Development					
	Vibratory Hammer & Power Pack					
	Flatbed Truck					
	Welding Machine					
	Hydraulic Dredge to -55ft					
Ph 1-3	Clamshell Dredging					
Ph 1-4	Seaside Railyard Area Redevelopment					
	New Container Yard Utilities					
	New Container Yard Construction - Paving					
Ph 1-4	New Container Yard Construction - Electrical					
Ph 1-5	Construction					
	New Container Yard Utilities					
	New Container Yard Construction - Paving					
Ph 1-5	New Container Yard Construction - Electrical					
Ph 1-6	Demolition					
	Wharf Demolition Landside					
	Railyard					
	Intermodal Yard Construction					
	Container Yard Development (F1 - F4)					
	New Container Yard Utilities					

Table A.2.2 Alt 2-3 Definition of Peak Daily NO_x Emissions - POLB MHTP - Alternative 2

	2019	2019	2019	2019	2019
	ct	Nov		Dec	
Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*
New Container Yard Construction - Paving					
New Container Yard Construction - Electrical					
Demo Existing F1-4, F6 Wharf					
Wharf Demolition Landside					
Wharf Demolition Marine					
Construct East Basin Retaining Dike					
Rock Placement, Push Off & Tub & Orange Peels					
Slip/Basin Fill & Surcharge East					
Cutter Suction Dredging- Spill Barge (No Booster)					
Cutter Suction Dredging- Land Disposal (No Booster)					
Wick Drains					
Roll Surcharge					
Roll Surcharge					
Construction - New Terminal Buildings					
Building Construction					
Dredge and Excavate at Quay Wall					
Clamshell Dredging					
Demo Existing F8-10 Wharf					
Wharf Demolition Landside					
Wharf Demolition Marine					
Construct Wharf, Armor, Fill					
Land Ex					
Rock Placement, Push Off & Tub & Orange Peels					
Retaining Bulkhead Construction					
Drive 24-In Octagonal Piles - Land					
Drive 24-In Octagonal Piles - Water					
Drive Piles - Misc Activities					
Reinforced Concrete Wharf					
Basin Fill and Surcharge West					
Cutter Suction Dredging- Spill Barge (No Booster)					
Cutter Suction Dredging- Land Disposal (No Booster)					
Wick Drains					
Settlement Period					
Roll Surcharge					
Remove Surcharge					
Roll Surcharge					
CY Development					
New Container Yard Utilities					
New Container Yard Construction - Paving					
New Container Yard Construction - Electrical					
Daily Total					
Peak Daily Total					
Daily Total - Ph 1/St 2					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	7	7	7	7	7	7	7	7	7											
	Wharf Demolition Marine	15	15	15	15	15	15	15	15	15											
	Sheet Pile Bulkhead Demolition	5	5	5	5	5	5	5	5	5											
	Construct New Bulkhead																				
	Retaining Bulkhead Construction						4	4													
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex								7	7	7	7	7	7	7						
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land												8	8	8	8	8	8	8	8	8
	Drive 24-In Octagonal Piles - Water												16	16	16	16	16	16	16	16	16
	Drive Piles - Misc Activities												2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf												23	23	23	23	23	23	23	23	23
	Retaining Bulkhead Construction												4	4	4	4	4	4	4	4	4
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction						4	4	4	4	4	4									
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex													7	7	7	7	7	7	7	7
	Excavate Material Fronting Pier D																				
	Land Ex												7	7	7	7	7	7	7	7	7
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																5	5	5	5	5
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside										7	7	7	7	7	7	7	7	7	7	7
	Wharf Demolition Marine										15	15	15	15	15	15	15	15	15	15	15
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
	Hourly Total	28	28	28	28	28	35	35	38	38	33	33	89	96	96	89	94	94	94	94	94
	Peak Hourly Total	116																			
	Peak Daily Modeled Activities	221	221	221	221	221	279	279	305	305	264	264	714	768	768	714	755	755	755	755	755

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land	8	8																			
	Drive 24-In Octagonal Piles - Water	16	16																			
	Drive Piles - Misc Activities	2	2																			
	Reinforced Concrete Wharf	23	23																			
	Retaining Bulkhead Construction	4	4																			
	Utility Construction																					
	New Container Yard Utilities		15	15	15																	
	Paving																					
	New Container Yard Construction - Paving					5	5															
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical							2	2	2												
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land			8	8	8	8	8	8	8	8											
	Drive 24-In Octagonal Piles - Water			16	16	16	16	16	16	16	16											
	Drive Piles - Misc Activities			4	4	4	4	4	4	4	4											
	Reinforced Concrete Wharf			23	23	23	23	23	23	23	23											
	Retaining Bulkhead Construction			4	4	4	4	4	4	4	4											
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water										16	16	16	16								
	Wick Drains																					
	Wick Drains			1	1	1																
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge						31	31	31													
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge															31	31					
	Utility Construction																					
	New Container Yard Utilities										15	15	15	15	15	15						
	Paving																					
	New Container Yard Construction - Paving															5	5	5	5	5	5	
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																			2	2	2
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex	7	7	7																		
	Excavate Material Fronting Pier D																					
	Land Ex	7	7	7																		
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition	5	5	5	5	5	5	5														
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq					19	19	19	19	19	19	19	19									
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside	7																				
	Wharf Demolition Marine	15																				
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																	1				
	Roll Surcharge																	31				
	2nd Surcharge and Wick Drains																					
	Wick Drains																		1	1		
	Roll Surcharge																		31	31		
	3rd Surcharge and Wick Drains																					
	Wick Drains																				1	1
	Roll Surcharge																				31	31
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	94	86	88	75	85	116	112	107	75	104	50	50	31	15	52	37	38	38	39	39	34
	Peak Hourly Total																					
	Peak Daily Modeled Activities	755	691	707	598	679	924	893	852	601	835	401	401	247	117	412	295	302	302	314	314	270

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical	2	2	2																		
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains	1	1	1	1																	
	Roll Surcharge	31	31	31	31																	
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq					2																
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq							1														
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq									1	1	1	1	1	1	1	1	1				
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition							5	5	5	5	5	5									
	Wharf Demolition Landside							7	7	7	7	7	7									
	Wharf Demolition Marine							14	14	14	14	14	14									
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction									4	4	4										
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																		8	8	8	
	Drive 24-In Octagonal Piles - Water																		14	14	14	
	Drive Piles - Misc Activities																		4	4	4	
	Reinforced Concrete Wharf																		20	20	20	
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	34	34	34	32	2		27	26	30	30	30	27	1	1	1	1	1		45	45	45
	Peak Hourly Total																					
	Peak Daily Modeled Activities	270	270	270	258	18	-	214	209	243	243	243	214	6	6	6	6	6	-	364	364	364

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge	31	31	31	31																	
	Container Yard Development																					
	New Container Yard Utilities					15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving					5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	New Container Yard Construction - Electrical					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land	8	8	8	8	8	8	8	8	8												
	Drive 24-In Octagonal Piles - Water	14	14	14	14	14	14	14	14	14												
	Drive Piles - Misc Activities	4	4	4	4	4	4	4	4	4												
	Reinforced Concrete Wharf	20	20	20	20	20	20	20	20	20												
	CY Development																					
	New Container Yard Construction - Paving										5	5	5	5	5	5	5	5	5	5	5	
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					7

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																					12
	Sheet Pile Bulkhead Demolition																					5
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	77	77	77	77	67	67	67	67	67	27	27	27	27	27	27	27	27	27	27	27	46
	Peak Hourly Total																					
	Peak Daily Modeled Activities	615	615	615	615	537	537	537	537	537	217	217	217	217	217	217	217	217	217	217	217	370

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*or*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities	15	15	15																		
	New Container Yard Construction - Paving	5	5	5																		
	New Container Yard Construction - Electrical	2	2	2																		
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside	7	7	7	7	7	7	7	7	7	7											

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*or*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine	12	12	12	12	12	12	12	12	12	12											
	Sheet Pile Bulkhead Demolition	5	5	5	5	5	5	5	5	5	5											
	Construct New Bulkhead																					
	Retaining Bulkhead Construction											4	4	4	4	4	4					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																	4	4	4		
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside				7	7	7	7	7	7	7	7	7									
	Railyard																					
	Intermodal Yard Construction													10	10	10	10	10	10	10	10	10
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside				7	7	7	7	7	7	7	7	7	7	7	7						
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	46	46	46	39	39	39	39	39	39	39	18	18	21	21	21	13	13	13	13	10	10
	Peak Hourly Total																					
	Peak Daily Modeled Activities	370	370	370	313	313	313	313	313	313	313	145	145	164	164	164	106	106	106	106	77	77

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land													8	8	8	8	8	8	8	8	8
	Drive 24-In Octagonal Piles - Water													11	11	11	11	11	11	11	11	11
	Drive Piles - Misc Activities													4	4	4	4	4	4	4	4	4
	Reinforced Concrete Wharf													18	18	18	18	18	18	18	18	18
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction	10	10	10	10	10	10	10	10	10	10	10	10									
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities													15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving													5	5	5	5	5	5	5	5	5
	New Container Yard Construction - Electrical													2	2	2	2	2	2	2	2	2
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Ja*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	10	10	10	10	10	10	10	10	10	10	10	10	62	62	62	62	62	62	62	62	62
	Peak Hourly Total																					
	Peak Daily Modeled Activities	77	77	77	77	77	77	77	77	77	77	77	77	495	495	495	495	495	495	495	495	495

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land	8	8	8	8	8	8	8														
	Drive 24-In Octagonal Piles - Water	11	11	11	11	11	11	11														
	Drive Piles - Misc Activities	4	4	4	4	4	4	4														
	Reinforced Concrete Wharf	18	18	18	18	18	18	18														
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack								15	15	15	15	15	15	15	15	15	15	15	15	15	15
	Flatbed Truck								5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Welding Machine								2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																15	15	15	15	15	15
	New Container Yard Construction - Paving																5	5	5	5	5	5
Ph 1-5	New Container Yard Construction - Electrical																2	2	2	2	2	2
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*n*	*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	40	40	40	40	40	40	40	22	22	22	22	22	22	22	22	43	43	43	43	43	43
	Peak Hourly Total																					
	Peak Daily Modeled Activities	322	322	322	322	322	322	322	173	173	173	173	173	173	173	173	347	347	347	347	347	347

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities											15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving											5	5	5	5	5	5	5	5	5	5	5
Ph 1-4	New Container Yard Construction - Electrical											2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	Construction																					
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-5	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge					-	-	-	-	-	-	-	-	-	-	-	-					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	22	22	22	22	22	22	22	22	22	22	43	43	43	43	43	43	43	43	43	43	43
	Peak Hourly Total																					
	Peak Daily Modeled Activities	173	173	173	173	173	173	173	173	173	173	347	347	347	347	347	347	347	347	347	347	347

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-4	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	Construction																					
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-5	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside								7	7	7	7	7	7	7	7	7	7	7	7		
	Wharf Demolition Marine								11	11	11	11	11	11	11	11	11	11	11	11		
	Construct Wharf, Armor, Fill																					
	Land Ex																				7	7
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																				4	4
	Drive 24-In Octagonal Piles - Land																				8	8
	Drive 24-In Octagonal Piles - Water																				9	9
	Drive Piles - Misc Activities																				4	4

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf																				8	8
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	43	43	43	43	43	43	43	62	62	62	62	62	62	62	62	62	62	62	62	83	83
	Peak Hourly Total																					
	Peak Daily Modeled Activities	347	347	347	347	347	347	347	495	495	495	495	495	495	495	495	495	495	495	495	661	661

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15									
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5									
Ph 1-4	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2									
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Land	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Drive 24-In Octagonal Piles - Water	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Drive Piles - Misc Activities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Reinforced Concrete Wharf	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	61	61	61	61	61	61	61	61	61	61	61	61	39	39	39	39	39	39	39	39	39
	Peak Hourly Total																					
	Peak Daily Modeled Activities	488	488	488	488	488	488	488	488	488	488	488	488	314	314	314	314	314	314	314	314	314

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex	7	7	7	7	7																
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction	4	4	4	4	4																
	Drive 24-In Octagonal Piles - Land	8	8	8	8	8																
	Drive 24-In Octagonal Piles - Water	9	9	9	9	9																
	Drive Piles - Misc Activities	4	4	4	4	4																

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf	8	8	8	8	8																
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	39	39	39	39	39																
	Peak Hourly Total																					
	Peak Daily Modeled Activities	314	314	314	314	314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Sheet Pile Bulkhead Demolition												
	Construct New Bulkhead												
	Retaining Bulkhead Construction												
	Excavation Fronting E24												
	Clamshell Dredging												
	Land Ex												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Retaining Bulkhead Construction												
	Utility Construction												
	New Container Yard Utilities												
	Paving												
	New Container Yard Construction - Paving												
	Lighting, Striping, Crane Power												
	New Container Yard Construction - Electrical												
	Prepare for Toe Dike / Construct Dike (1st Lift)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Fill within Dike												
	Clamshell Dredging												
	Remaining Dike Lifts												
	Rock Placement, Push Off & Tub & Orange Peels												
	Remaining Fill Lifts												
	Clamshell Dredging												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Retaining Bulkhead Construction												
	Construct South Mooring Dolphin												
	Drive 24-In Octagonal Piles - Water												
	Wick Drains												
	Wick Drains												
	Surcharge (Initial Pump, Plus Clamshell or Truck)												
	Roll Surcharge												
	Remove Surcharge to Slip 1 Fill Site												
	Roll Surcharge												
	Utility Construction												
	New Container Yard Utilities												
	Paving												
	New Container Yard Construction - Paving												
	Lighting, Fence, Striping, Crane Power												
	New Container Yard Construction - Electrical												
	Construct Retaining Structure at Pier D Oil Area												
	Retaining Bulkhead Construction												
	Excavate & Truck Material in Cell Bulkhead												
	Land Ex												
	Excavate Material Fronting Pier D												
	Land Ex												
	Clamshell Dredging												
	Remove Cellular Sheetpile												
	Sheet Pile Bulkhead Demolition												
	Rock Revetment												
	Rock Placement, Push Off & Tub & Orange Peels												

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Hydraulic or Clamshell Dredge to -55 ft												
	Clamshell Dredging												
	Ground Improvments Pier D												
	Stone Column Installation Eq												
	Marine Rock Delivery Eq												
	Demo - E12-13 Wharf												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Lift #1 (~ -30)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Lift #2 (~ -15)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Lift #3 (~ 0)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Lift #4 (~ +15)												
	Rock Placement, Push Off & Tub & Orange Peels												
	Initial Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	2nd Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	3rd Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	4th Surcharge and Wick Drains												
	Wick Drains												
	Roll Surcharge												
	Remove Surcharge												
	Roll Surcharge												
	Container Yard Development												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
	New Container Yard Construction - Electrical												
	POLB Ocean Blvd Track Reconfiguration												
	Triple Track Installation Demo Eq												
	Triple Track Utility Relocation Eq												
	Triple Track Grading Eq												
	Triple Track Retaining Wall Eq												
	Triple Track Trackwork Eq												
Ph 1-1	Triple Track Miscellaneous Eq												
Ph 1-2	Demolish Existing Facilities												
	Sheet Pile Bulkhead Demolition												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Construct New Bulkhead (Install Transition Bulkhead)												
	Retaining Bulkhead Construction												
	Excavation Fronting E25 and Dispose Slip 1												
	Clamshell Dredging												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	CY Development												
	New Container Yard Construction - Paving												
	Dredge to -55 ft												
Ph 1-2	Clamshell Dredging												
Ph 1-3	Demolish Existing Facilities												
	Wharf Demolition Landside												

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Marine												
	Sheet Pile Bulkhead Demolition												
	Construct New Bulkhead												
	Retaining Bulkhead Construction												
	Excavation Fronting E26 and Dispose Slip 1												
	Clamshell Dredging												
	Construct New Armor Slope												
	Rock Placement, Push Off & Tub & Orange Peels												
	Wharf Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												
	Reinforced Concrete Wharf												
	Construct E27 Bulkhead												
	Retaining Bulkhead Construction												
	CY Development												
	Vibratory Hammer & Power Pack												
	Flatbed Truck												
	Welding Machine												
	Hydraulic Dredge to -55ft												
Ph 1-3	Clamshell Dredging												
Ph 1-4	Seaside Railyard Area Redevelopment												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
Ph 1-4	New Container Yard Construction - Electrical												
Ph 1-5	Construction												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
Ph 1-5	New Container Yard Construction - Electrical												
Ph 2-1	Demolition												
	Wharf Demolition Landside												
	Railyard												
	Intermodal Yard Construction												
	Container Yard Development (F1 - F4)												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
	New Container Yard Construction - Electrical												
	Demo Existing F1-4, F6 Wharf												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Construct East Basin Retaining Dike												
	Rock Placement, Push Off & Tub & Orange Peels												
	Slip/Basin Fill & Surcharge East												
	Cutter Suction Dredging- Spill Barge (No Booster)												
	Cutter Suction Dredging- Land Disposal (No Booster)												
	Wick Drains												
	Roll Surcharge												
Ph 2-1	Roll Surcharge												
Ph 2-2	Construction - New Terminal Buildings												
	Building Construction												
	Dredge and Excavate at Quay Wall												
	Clamshell Dredging												
	Demo Existing F8-10 Wharf												
	Wharf Demolition Landside												
	Wharf Demolition Marine												
	Construct Wharf, Armor, Fill												
	Land Ex												
	Rock Placement, Push Off & Tub & Orange Peels												
	Retaining Bulkhead Construction												
	Drive 24-In Octagonal Piles - Land												
	Drive 24-In Octagonal Piles - Water												
	Drive Piles - Misc Activities												

Table A.2.2 Alt2-4. Definition of Peak Hourly NOx Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Reinforced Concrete Wharf												
	Basin Fill and Surcharge West												
	Cutter Suction Dredging- Spill Barge (No Booster)												
	Cutter Suction Dredging- Land Disposal (No Booster)												
	Wick Drains												
	Settlement Period												
Ph 2-2	Roll Surcharge												
Ph 2-3	Remove Surcharge												
	Roll Surcharge												
	CY Development												
	New Container Yard Utilities												
	New Container Yard Construction - Paving												
Ph 2-3	New Container Yard Construction - Electrical												
	Hourly Total												
	Peak Hourly Total												
	Peak Daily Modeled Activities	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside	2	2	2	2	2	2	2	2	2									
	Wharf Demolition Marine	4	4	4	4	4	4	4	4	4									
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2									
	Construct New Bulkhead																		
	Retaining Bulkhead Construction						1	1											
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex								2	2	2	2	2	2	2				
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land												2	2	2	2	2	2	2
	Drive 24-In Octagonal Piles - Water												4	4	4	4	4	4	4
	Drive Piles - Misc Activities												1	1	1	1	1	1	1
	Reinforced Concrete Wharf												6	6	6	6	6	6	6
	Retaining Bulkhead Construction												1	1	1	1	1	1	1
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction						1	1	1	1	1	1							
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex													2	2	2	2	2	2
	Excavate Material Fronting Pier D																		
	Land Ex												2	2	2	2	2	2	2
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																2	2	2
	Rock Revetment																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside										2	2	2	2	2	2	2	2	2
	Wharf Demolition Marine										4	4	4	4	4	4	4	4	4
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	8	8	8	8	8	10	10	11	11	9	9	24	26	26	24	26	26	26
	Peak Hourly Total	32.5																	

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land	2	2	2	2														
	Drive 24-In Octagonal Piles - Water	4	4	4	4														
	Drive Piles - Misc Activities	1	1	1	1														
	Reinforced Concrete Wharf	6	6	6	6														
	Retaining Bulkhead Construction	1	1	1	1														
	Utility Construction																		
	New Container Yard Utilities				4	4	4												
	Paving																		
	New Container Yard Construction - Paving							2	2										
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical									0	0	0							
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land					2	2	2	2	2	2	2	2						
	Drive 24-In Octagonal Piles - Water					4	4	4	4	4	4	4	4						
	Drive Piles - Misc Activities					1	1	1	1	1	1	1	1						
	Reinforced Concrete Wharf					6	6	6	6	6	6	6	6						
	Retaining Bulkhead Construction					1	1	1	1	1	1	1	1						
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water												4	4	4	4			
	Wick Drains																		
	Wick Drains					0	0	0											
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge								9	9	9								
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																	9	9
	Utility Construction																		
	New Container Yard Utilities												4	4	4	4	4	4	
	Paving																		
	New Container Yard Construction - Paving																	2	2
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex	2	2	2	2	2													
	Excavate Material Fronting Pier D																		
	Land Ex	2	2	2	2	2													
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2									
	Rock Revetment																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq							6	6	6	6	6	6	6	6				
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside	2	2	2															
	Wharf Demolition Marine	4	4	4															
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	26	26	26	24	24	20	23	33	31	30	20	28	14	14	8	4	15	11
	Peak Hourly Total																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Sheet Pile Bulkhead Demolition																						
	Construct New Bulkhead																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E24																						
	Clamshell Dredging																						
	Land Ex																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Retaining Bulkhead Construction																						
	Utility Construction																						
	New Container Yard Utilities																						
	Paving																						
	New Container Yard Construction - Paving																						
	Lighting, Striping, Crane Power																						
	New Container Yard Construction - Electrical																						
	Prepare for Toe Dike / Construct Dike (1st Lift)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Fill within Dike																						
	Clamshell Dredging																						
	Remaining Dike Lifts																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Remaining Fill Lifts																						
	Clamshell Dredging																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Retaining Bulkhead Construction																						
	Construct South Mooring Dolphin																						
	Drive 24-In Octagonal Piles - Water																						
	Wick Drains																						
	Wick Drains																						
	Surcharge (Initial Pump, Plus Clamshell or Truck)																						
	Roll Surcharge																						
	Remove Surcharge to Slip 1 Fill Site																						
	Roll Surcharge																						
	Utility Construction																						
	New Container Yard Utilities																						
	Paving																						
	New Container Yard Construction - Paving	2	2	2	2																		
	Lighting, Fence, Striping, Crane Power																						
	New Container Yard Construction - Electrical			0	0	0	0	0	0														
	Construct Retaining Structure at Pier D Oil Area																						
	Retaining Bulkhead Construction																						
	Excavate & Truck Material in Cell Bulkhead																						
	Land Ex																						
	Excavate Material Fronting Pier D																						
	Land Ex																						
	Clamshell Dredging																						
	Remove Cellular Sheetpile																						
	Sheet Pile Bulkhead Demolition																						
	Rock Revetment																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																						
	Hydraulic or Clamshell Dredge to -55 ft																						
	Clamshell Dredging																						
	Ground Improvments Pier D																						
	Stone Column Installation Eq																						
	Marine Rock Delivery Eq																						
	Demo - E12-13 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Lift #1 (~ -30)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #2 (~ -15)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #3 (~ 0)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #4 (~ +15)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Initial Surcharge and Wick Drains																						
	Wick Drains	0																					
	Roll Surcharge	9																					
	2nd Surcharge and Wick Drains																						
	Wick Drains		0	0																			
	Roll Surcharge		9	9																			
	3rd Surcharge and Wick Drains																						
	Wick Drains				0	0																	
	Roll Surcharge				9	9																	
	4th Surcharge and Wick Drains																						
	Wick Drains						0	0	0	0													
	Roll Surcharge						9	9	9	9													
	Remove Surcharge																						
	Roll Surcharge																						
	Container Yard Development																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
	New Container Yard Construction - Electrical																						
	POLB Ocean Blvd Track Reconfiguration																						
	Triple Track Installation Demo Eq										1												
	Triple Track Utility Relocation Eq																						
	Triple Track Grading Eq												0										
	Triple Track Retaining Wall Eq																						
	Triple Track Trackwork Eq														0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq																						
Ph 1-2	Demolish Existing Facilities																						
	Sheet Pile Bulkhead Demolition												2	2	2	2	2	2					
	Wharf Demolition Landside												2	2	2	2	2	2					
	Wharf Demolition Marine												4	4	4	4	4	4					
	Construct New Bulkhead (Install Transition Bulkhead)																						
	Retaining Bulkhead Construction														1	1	1						
	Excavation Fronting E25 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	CY Development																						
	New Container Yard Construction - Paving																						
	Dredge to -55 ft																						
Ph 1-2	Clamshell Dredging																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Sheet Pile Bulkhead Demolition																						
	Construct New Bulkhead																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E26 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Construct E27 Bulkhead																						
	Retaining Bulkhead Construction																						
	CY Development																						
	Vibratory Hammer & Power Pack																						
	Flatbed Truck																						
	Welding Machine																						
	Hydraulic Dredge to -55ft																						
Ph 1-3	Clamshell Dredging																						
Ph 1-4	Seaside Railyard Area Redevelopment																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 1-4	New Container Yard Construction - Electrical																						
Ph 1-5	Construction																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 1-5	New Container Yard Construction - Electrical																						
Ph 2-1	Demolition																						
	Wharf Demolition Landside																						
	Railyard																						
	Intermodal Yard Construction																						
	Container Yard Development (F1 - F4)																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
	New Container Yard Construction - Electrical																						
	Demo Existing F1-4, F6 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct East Basin Retaining Dike																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Slip/Basin Fill & Surcharge East																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Roll Surcharge																						
Ph 2-1	Roll Surcharge																						
Ph 2-2	Construction - New Terminal Buildings																						
	Building Construction																						
	Dredge and Excavate at Quay Wall																						
	Clamshell Dredging																						
	Demo Existing F8-10 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct Wharf, Armor, Fill																						
	Land Ex																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Retaining Bulkhead Construction																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Basin Fill and Surcharge West																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Settlement Period																						
Ph 2-2	Roll Surcharge																						
Ph 2-3	Remove Surcharge																						
	Roll Surcharge																						
	CY Development																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 2-3	New Container Yard Construction - Electrical																						
	Hourly Total	11	11	12	12	10	10	10	10	10	1		8	8	9	9	9	8	0	0	0	0	0
	Peak Hourly Total																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E24																								
	Clamshell Dredging																								
	Land Ex																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Prepare for Toe Dike / Construct Dike (1st Lift)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Fill within Dike																								
	Clamshell Dredging																								
	Remaining Dike Lifts																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Remaining Fill Lifts																								
	Clamshell Dredging																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Construct South Mooring Dolphin																								
	Drive 24-In Octagonal Piles - Water																								
	Wick Drains																								
	Wick Drains																								
	Surcharge (Initial Pump, Plus Clamshell or Truck)																								
	Roll Surcharge																								
	Remove Surcharge to Slip 1 Fill Site																								
	Roll Surcharge																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Fence, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Construct Retaining Structure at Pier D Oil Area																								
	Retaining Bulkhead Construction																								
	Excavate & Truck Material in Cell Bulkhead																								
	Land Ex																								
	Excavate Material Fronting Pier D																								
	Land Ex																								
	Clamshell Dredging																								
	Remove Cellular Sheetpile																								
	Sheet Pile Bulkhead Demolition																								
	Rock Revetment																								

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																								
	Hydraulic or Clamshell Dredge to -55 ft																								
	Clamshell Dredging																								
	Ground Improvments Pier D																								
	Stone Column Installation Eq																								
	Marine Rock Delivery Eq																								
	Demo - E12-13 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Lift #1 (~ -30)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #2 (~ -15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #3 (~ 0)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #4 (~ +15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Initial Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	2nd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	3rd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	4th Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	Remove Surcharge																								
	Roll Surcharge					9	9	9	9																
	Container Yard Development																								
	New Container Yard Utilities									4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving									2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	New Container Yard Construction - Electrical									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration																								
	Triple Track Installation Demo Eq																								
	Triple Track Utility Relocation Eq																								
	Triple Track Grading Eq																								
	Triple Track Retaining Wall Eq																								
	Triple Track Trackwork Eq																								
Ph 1-1	Triple Track Miscellaneous Eq																								
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land		2	2	2	2	2	2	2	2	2	2	2	2											
	Drive 24-In Octagonal Piles - Water		4	4	4	4	4	4	4	4	4	4	4	4											
	Drive Piles - Misc Activities		1	1	1	1	1	1	1	1	1	1	1	1											
	Reinforced Concrete Wharf		6	6	6	6	6	6	6	6	6	6	6	6											
	CY Development																								
	New Container Yard Construction - Paving														2	2	2	2	2	2	2	2	2	2	2
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E26 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Construct E27 Bulkhead																								
	Retaining Bulkhead Construction																								
	CY Development																								
	Vibratory Hammer & Power Pack																								
	Flatbed Truck																								
	Welding Machine																								
	Hydraulic Dredge to -55ft																								
Ph 1-3	Clamshell Dredging																								
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-5	New Container Yard Construction - Electrical																								
Ph 2-1	Demolition																								
	Wharf Demolition Landside																								
	Railyard																								
	Intermodal Yard Construction																								
	Container Yard Development (F1 - F4)																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	Demo Existing F1-4, F6 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct East Basin Retaining Dike																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Slip/Basin Fill & Surcharge East																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Roll Surcharge																								
Ph 2-1	Roll Surcharge																								
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
	Hourly Total		13	13	13	23	23	23	23	19	19	19	19	19	8	8	8	8	8	8	8	8	8	8	8
	Peak Hourly Total																								

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities	4	4	4	4																	
	New Container Yard Construction - Paving	2	2	2	2																	
	New Container Yard Construction - Electrical	0	0	0	0																	
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside	2	2	2	2	2	2	2	2	2	2	2										
	Wharf Demolition Marine	4	4	4	4	4	4	4	4	4	4	4										
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2	2	2										
	Construct New Bulkhead																					
	Retaining Bulkhead Construction												1	1	1	1	1	1				
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																		1	1	1	
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside					2	2	2	2	2	2	2	2	2								
	Railyard																					
	Intermodal Yard Construction														4	4	4	4	4	4	4	4
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside					2	2	2	2	2	2	2	2	2	2	2	2					
	Wharf Demolition Marine					-	-	-	-	-	-	-	-	-	-	-	-					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	14	14	14	14	12	12	12	12	12	12	12	5	5	7	7	7	5	5	5	5	4
	Peak Hourly Total																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		
	Rock Revetment																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land														2	2	2	2	2
	Drive 24-In Octagonal Piles - Water														4	4	4	4	4
	Drive Piles - Misc Activities														1	1	1	1	1
	Reinforced Concrete Wharf														6	6	6	6	6
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction	4	4	4	4	4	4	4	4	4	4	4	4	4					
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities														4	4	4	4	4
	New Container Yard Construction - Paving														2	2	2	2	2
	New Container Yard Construction - Electrical														0	0	0	0	0
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*b*	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*No*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	4	4	4	4	4	4	4	4	4	4	4	4	4	19	19	19	19	19
	Peak Hourly Total																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Sheet Pile Bulkhead Demolition																						
	Construct New Bulkhead																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E24																						
	Clamshell Dredging																						
	Land Ex																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Retaining Bulkhead Construction																						
	Utility Construction																						
	New Container Yard Utilities																						
	Paving																						
	New Container Yard Construction - Paving																						
	Lighting, Striping, Crane Power																						
	New Container Yard Construction - Electrical																						
	Prepare for Toe Dike / Construct Dike (1st Lift)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Fill within Dike																						
	Clamshell Dredging																						
	Remaining Dike Lifts																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Remaining Fill Lifts																						
	Clamshell Dredging																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Retaining Bulkhead Construction																						
	Construct South Mooring Dolphin																						
	Drive 24-In Octagonal Piles - Water																						
	Wick Drains																						
	Wick Drains																						
	Surcharge (Initial Pump, Plus Clamshell or Truck)																						
	Roll Surcharge																						
	Remove Surcharge to Slip 1 Fill Site																						
	Roll Surcharge																						
	Utility Construction																						
	New Container Yard Utilities																						
	Paving																						
	New Container Yard Construction - Paving																						
	Lighting, Fence, Striping, Crane Power																						
	New Container Yard Construction - Electrical																						
	Construct Retaining Structure at Pier D Oil Area																						
	Retaining Bulkhead Construction																						
	Excavate & Truck Material in Cell Bulkhead																						
	Land Ex																						
	Excavate Material Fronting Pier D																						
	Land Ex																						
	Clamshell Dredging																						
	Remove Cellular Sheetpile																						
	Sheet Pile Bulkhead Demolition																						
	Rock Revetment																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels																						
	Hydraulic or Clamshell Dredge to -55 ft																						
	Clamshell Dredging																						
	Ground Improvments Pier D																						
	Stone Column Installation Eq																						
	Marine Rock Delivery Eq																						
	Demo - E12-13 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Lift #1 (~ -30)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #2 (~ -15)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #3 (~ 0)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Lift #4 (~ +15)																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Initial Surcharge and Wick Drains																						
	Wick Drains																						
	Roll Surcharge																						
	2nd Surcharge and Wick Drains																						
	Wick Drains																						
	Roll Surcharge																						
	3rd Surcharge and Wick Drains																						
	Wick Drains																						
	Roll Surcharge																						
	4th Surcharge and Wick Drains																						
	Wick Drains																						
	Roll Surcharge																						
	Remove Surcharge																						
	Roll Surcharge																						
	Container Yard Development																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
	New Container Yard Construction - Electrical																						
	POLB Ocean Blvd Track Reconfiguration																						
	Triple Track Installation Demo Eq																						
	Triple Track Utility Relocation Eq																						
	Triple Track Grading Eq																						
	Triple Track Retaining Wall Eq																						
	Triple Track Trackwork Eq																						
Ph 1-1	Triple Track Miscellaneous Eq																						
Ph 1-2	Demolish Existing Facilities																						
	Sheet Pile Bulkhead Demolition																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct New Bulkhead (Install Transition Bulkhead)																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E25 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	CY Development																						
	New Container Yard Construction - Paving																						
	Dredge to -55 ft																						
Ph 1-2	Clamshell Dredging																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-3	Demolish Existing Facilities																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Sheet Pile Bulkhead Demolition																						
	Construct New Bulkhead																						
	Retaining Bulkhead Construction																						
	Excavation Fronting E26 and Dispose Slip 1																						
	Clamshell Dredging																						
	Construct New Armor Slope																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Wharf Construction																						
	Drive 24-In Octagonal Piles - Land	2	2	2	2	2	2	2	2	2	2	2											
	Drive 24-In Octagonal Piles - Water	4	4	4	4	4	4	4	4	4	4	4											
	Drive Piles - Misc Activities	1	1	1	1	1	1	1	1	1	1	1											
	Reinforced Concrete Wharf	6	6	6	6	6	6	6	6	6	6	6											
	Construct E27 Bulkhead																						
	Retaining Bulkhead Construction																						
	CY Development																						
	Vibratory Hammer & Power Pack												4	4	4	4	4	4	4	4	4	4	4
	Flatbed Truck												2	2	2	2	2	2	2	2	2	2	2
	Welding Machine												0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft																						
Ph 1-3	Clamshell Dredging																						
Ph 1-4	Seaside Railyard Area Redevelopment																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 1-4	New Container Yard Construction - Electrical																						
Ph 1-5	Construction																						
	New Container Yard Utilities																				4	4	4
	New Container Yard Construction - Paving																				2	2	2
Ph 1-5	New Container Yard Construction - Electrical																				0	0	0
Ph 2-1	Demolition																						
	Wharf Demolition Landside																						
	Railyard																						
	Intermodal Yard Construction																						
	Container Yard Development (F1 - F4)																						
	New Container Yard Utilities	4	4	4	4																		
	New Container Yard Construction - Paving	2	2	2	2																		
	New Container Yard Construction - Electrical	0	0	0	0																		
	Demo Existing F1-4, F6 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct East Basin Retaining Dike																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Slip/Basin Fill & Surcharge East																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Roll Surcharge																						
Ph 2-1	Roll Surcharge																						
Ph 2-2	Construction - New Terminal Buildings																						
	Building Construction																						
	Dredge and Excavate at Quay Wall																						
	Clamshell Dredging																						
	Demo Existing F8-10 Wharf																						
	Wharf Demolition Landside																						
	Wharf Demolition Marine																						
	Construct Wharf, Armor, Fill																						
	Land Ex																						
	Rock Placement, Push Off & Tub & Orange Peels																						
	Retaining Bulkhead Construction																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ov*	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*O*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Drive 24-In Octagonal Piles - Land																						
	Drive 24-In Octagonal Piles - Water																						
	Drive Piles - Misc Activities																						
	Reinforced Concrete Wharf																						
	Basin Fill and Surcharge West																						
	Cutter Suction Dredging- Spill Barge (No Booster)																						
	Cutter Suction Dredging- Land Disposal (No Booster)																						
	Wick Drains																						
	Settlement Period																						
Ph 2-2	Roll Surcharge																						
Ph 2-3	Remove Surcharge																						
	Roll Surcharge																						
	CY Development																						
	New Container Yard Utilities																						
	New Container Yard Construction - Paving																						
Ph 2-3	New Container Yard Construction - Electrical																						
	Hourly Total	19	19	19	19	13	13	13	13	13	13	13	6	6	6	6	6	6	6	6	12	12	12
	Peak Hourly Total																						

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							
	Rock Revetment																							

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack	4	4	4																				
	Flatbed Truck	2	2	2																				
	Welding Machine	0	0	0																				
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities														4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving														2	2	2	2	2	2	2	2	2	2
Ph 1-4	New Container Yard Construction - Electrical														0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction																							
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge									-	-	-	-	-	-	-	-	-	-	-	-			
Ph 2-2	Construction - New Terminal Buildings																							
	Building Construction																							
	Dredge and Excavate at Quay Wall																							
	Clamshell Dredging																							
	Demo Existing F8-10 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct Wharf, Armor, Fill																							
	Land Ex																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction																							

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*ct*	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Basin Fill and Surcharge West																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Settlement Period																							
Ph 2-2	Roll Surcharge																							
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
	Hourly Total	12	12	12	6	6	6	6	6	6	6	6	6	6	12	12	12	12	12	12	12	12	12	12
	Peak Hourly Total																							

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*1st*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction																					
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside									2	2	2	2	2	2	2	2	2	2	2	2	
	Wharf Demolition Marine									4	4	4	4	4	4	4	4	4	4	4	4	
	Construct Wharf, Armor, Fill																					
	Land Ex																					2
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					1

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Drive 24-In Octagonal Piles - Land																					2
	Drive 24-In Octagonal Piles - Water																					4
	Drive Piles - Misc Activities																					1
	Reinforced Concrete Wharf																					3
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	12	12	12	12	12	12	12	12	19	19	19	19	19	19	19	19	19	19	19	19	26
	Peak Hourly Total																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		
	Rock Revetment																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4					
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2					
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0					
Ph 1-5	Construction																		
	New Container Yard Utilities	4																	
	New Container Yard Construction - Paving	2																	
Ph 1-5	New Container Yard Construction - Electrical	0																	
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Drive 24-In Octagonal Piles - Land	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Drive 24-In Octagonal Piles - Water	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive Piles - Misc Activities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Reinforced Concrete Wharf	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	26	20	20	20	20	20	20	20	20	20	20	20	20	14	14	14	14	14
	Peak Hourly Total																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					
	Rock Revetment																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-4	New Container Yard Construction - Electrical																					
Ph 1-5	Construction																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 1-5	New Container Yard Construction - Electrical																					
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct Wharf, Armor, Fill																					
	Land Ex	2	2	2	2	2	2	2	2	2												
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction	1	1	1	1	1	1	1	1	1												

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land	2	2	2	2	2	2	2	2	2												
	Drive 24-In Octagonal Piles - Water	4	4	4	4	4	4	4	4	4												
	Drive Piles - Misc Activities	1	1	1	1	1	1	1	1	1												
	Reinforced Concrete Wharf	3	3	3	3	3	3	3	3	3												
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	14	14	14	14	14	14	14	14	14												
	Peak Hourly Total																					

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		
	Rock Revetment																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		

Table A.2.2 Alt2-5. Definition of Peak Hourly CO Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total																		
	Peak Hourly Total																		

Table A.2.2 Alt2-6 Construction Volume PM10/PM2.5 Emission Simulations - POLB MHTP - Unmitigated Alternative 2

Activity/Source ID	*Source #*	*Width (meters)*	*Area (m2)*	*# of Sources*	*Fraction of Total Source Area*	*Total Source Area (m2)*	*Combined Sources Area/ Total Source Area*	*Pounds per Hour*	
								PM10	*PM2.5*
Rail Yard									
	See RY VSs	25	625	211	0.003	131,875	0.73	0.23	0.05
	See RY VSs	50	2,500	20	0.014	50,000	0.27	0.93	0.20
Subtotals				231		181,875	1.00	1.2	0.3

Table A.2.2 Alt2-7 Hourly PM10/PM2.5 Emissions - POLB Middle Harbor Unmitigated Alternative 2

Construction Project/Activity	*Pounds per Hour*	
	PM10	*PM2.5*
Rail Yard		
Intermodal Yard Construction	0.6	0.6
Fugitive Dust	67.2	14.0
Subtotal	67.8	14.6
Total Hourly PM10/PM2.5 Emissions - Pounds	67.8	14.6

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																										
	Wharf Demolition Landside	3	3	3	3	3	3	3	3	3																	
	Wharf Demolition Marine	6	6	6	6	6	6	6	6	6																	
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2																	
	Construct New Bulkhead																										
	Retaining Bulkhead Construction						2	2																			
	Excavation Fronting E24																										
	Clamshell Dredging								39	39	39	39	39	39	39												
	Land Ex								3	3	3	3	3	3	3												
	Construct New Armor Slope																										
	Rock Placement, Push Off & Tub & Orange Peels										19	19	19	19	19												
	Wharf Construction																										
	Drive 24-In Octagonal Piles - Land												4	4	4	4	4	4	4	4	4	4	4				
	Drive 24-In Octagonal Piles - Water												5	5	5	5	5	5	5	5	5	5	5				
	Drive Piles - Misc Activities												1	1	1	1	1	1	1	1	1	1	1				
	Reinforced Concrete Wharf												8	8	8	8	8	8	8	8	8	8	8				
	Retaining Bulkhead Construction												2	2	2	2	2	2	2	2	2	2	2				
	Utility Construction																										
	New Container Yard Utilities																						6	6	6		
	Paving																										
	New Container Yard Construction - Paving																									3	3
	Lighting, Striping, Crane Power																										
	New Container Yard Construction - Electrical																										
	Prepare for Toe Dike / Construct Dike (1st Lift)																										
	Rock Placement, Push Off & Tub & Orange Peels				19	19	19	19	19																		
	Fill within Dike																										
	Clamshell Dredging									39	39	39	39	39													
	Remaining Dike Lifts																										
	Rock Placement, Push Off & Tub & Orange Peels														19	19	19	19	19	19							
	Remaining Fill Lifts																										
	Clamshell Dredging																	39	39	39	39	39	39				
	Wharf Construction																										
	Drive 24-In Octagonal Piles - Land																							4	4	4	4
	Drive 24-In Octagonal Piles - Water																							5	5	5	5
	Drive Piles - Misc Activities																							2	2	2	2
	Reinforced Concrete Wharf																							8	8	8	8
	Retaining Bulkhead Construction																							2	2	2	2
	Construct South Mooring Dolphin																										
	Drive 24-In Octagonal Piles - Water																										
	Wick Drains																										
	Wick Drains																							0	0	0	
	Surcharge (Initial Pump, Plus Clamshell or Truck)																										
	Roll Surcharge																										14
	Remove Surcharge to Slip 1 Fill Site																										
	Roll Surcharge																										
	Utility Construction																										
	New Container Yard Utilities																										
	Paving																										
	New Container Yard Construction - Paving																										
	Lighting, Fence, Striping, Crane Power																										
	New Container Yard Construction - Electrical																										
	Construct Retaining Structure at Pier D Oil Area																										
	Retaining Bulkhead Construction						2	2	2	2	2	2															
	Excavate & Truck Material in Cell Bulkhead																										
	Land Ex													3	3	3	3	3	3	3	3	3	3	3			
	Excavate Material Fronting Pier D																										
	Land Ex												3	3	3	3	3	3	3	3	3	3	3	3			
	Clamshell Dredging												39	39	39	39	39	39	39	39	39	39	39	39			
	Remove Cellular Sheetpile																										
	Sheet Pile Bulkhead Demolition																2	2	2	2	2	2	2	2	2	2	2

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																										
	Rock Placement, Push Off & Tub & Orange Peels																					19	19	19	19	19	19
	Hydraulic or Clamshell Dredge to -55 ft																										
	Clamshell Dredging																							39	39		
	Ground Improvments Pier D																										
	Stone Column Installation Eq																									9	9
	Marine Rock Delivery Eq																									19	19
	Demo - E12-13 Wharf																										
	Wharf Demolition Landside										3	3	3	3	3	3	3	3	3	3	3	3					
	Wharf Demolition Marine										6	6	6	6	6	6	6	6	6	6	6	6					
	Lift #1 (~ -30)																										
	Rock Placement, Push Off & Tub & Orange Peels									19	19	19	19	19	19	19	19										
	Lift #2 (~ -15)																										
	Rock Placement, Push Off & Tub & Orange Peels																	19	19	19	19	19	19	19	19		
	Lift #3 (~ 0)																										
	Rock Placement, Push Off & Tub & Orange Peels																									19	19
	Lift #4 (~ +15)																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Initial Surcharge and Wick Drains																										
	Wick Drains																										
	Roll Surcharge																										
	2nd Surcharge and Wick Drains																										
	Wick Drains																										
	Roll Surcharge																										
	3rd Surcharge and Wick Drains																										
	Wick Drains																										
	Roll Surcharge																										
	4th Surcharge and Wick Drains																										
	Wick Drains																										
	Roll Surcharge																										
	Remove Surcharge																										
	Roll Surcharge																										
	Container Yard Development																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
	New Container Yard Construction - Electrical																										
	POLB Ocean Blvd Track Reconfiguration																										
	Triple Track Installation Demo Eq																										
	Triple Track Utility Relocation Eq																										
	Triple Track Grading Eq																										
	Triple Track Retaining Wall Eq																										
	Triple Track Trackwork Eq																										
Ph 1-1	Triple Track Miscellaneous Eq																										
Ph 1-2	Demolish Existing Facilities																										
	Sheet Pile Bulkhead Demolition																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										
	Construct New Bulkhead (Install Transition Bulkhead)																										
	Retaining Bulkhead Construction																										
	Excavation Fronting E25 and Dispose Slip 1																										
	Clamshell Dredging																										
	Construct New Armor Slope																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Wharf Construction																										
	Drive 24-In Octagonal Piles - Land																										
	Drive 24-In Octagonal Piles - Water																										
	Drive Piles - Misc Activities																										
	Reinforced Concrete Wharf																										
	CY Development																										
	New Container Yard Construction - Paving																										

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																										
Ph 1-2	Clamshell Dredging																										
Ph 1-3	Demolish Existing Facilities																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										
	Sheet Pile Bulkhead Demolition																										
	Construct New Bulkhead																										
	Retaining Bulkhead Construction																										
	Excavation Fronting E26 and Dispose Slip 1																										
	Clamshell Dredging																										
	Construct New Armor Slope																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Wharf Construction																										
	Drive 24-In Octagonal Piles - Land																										
	Drive 24-In Octagonal Piles - Water																										
	Drive Piles - Misc Activities																										
	Reinforced Concrete Wharf																										
	Construct E27 Bulkhead																										
	Retaining Bulkhead Construction																										
	CY Development																										
	Vibratory Hammer & Power Pack																										
	Flatbed Truck																										
	Welding Machine																										
	Hydraulic Dredge to -55ft																										
Ph 1-3	Clamshell Dredging																										
Ph 1-4	Seaside Railyard Area Redevelopment																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 1-4	New Container Yard Construction - Electrical																										
Ph 1-5	Construction																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 1-5	New Container Yard Construction - Electrical																										
Ph 2-1	Demolition																										
	Wharf Demolition Landside																										
	Railyard																										
	Intermodal Yard Construction																										
	Container Yard Development (F1 - F4)																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
	New Container Yard Construction - Electrical																										
	Demo Existing F1-4, F6 Wharf																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										
	Construct East Basin Retaining Dike																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Slip/Basin Fill & Surcharge East																										
	Cutter Suction Dredging- Spill Barge (No Booster)																										
	Cutter Suction Dredging- Land Disposal (No Booster)																										
	Wick Drains																										
	Roll Surcharge																										
Ph 2-1	Roll Surcharge																										
Ph 2-2	Construction - New Terminal Buildings																										
	Building Construction																										
	Dredge and Excavate at Quay Wall																										
	Clamshell Dredging																										
	Demo Existing F8-10 Wharf																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																										
	Land Ex																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Retaining Bulkhead Construction																										
	Drive 24-In Octagonal Piles - Land																										
	Drive 24-In Octagonal Piles - Water																										
	Drive Piles - Misc Activities																										
	Reinforced Concrete Wharf																										
	Basin Fill and Surcharge West																										
	Cutter Suction Dredging- Spill Barge (No Booster)																										
	Cutter Suction Dredging- Land Disposal (No Booster)																										
	Wick Drains																										
	Settlement Period																										
Ph 2-2	Roll Surcharge																										
Ph 2-3	Remove Surcharge																										
	Roll Surcharge																										
	CY Development																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 2-3	New Container Yard Construction - Electrical																										
All	Fugitive Dust from Ground Disturbance	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148
	Daily Total	159	159	159	178	178	181	181	221	260	277	277	338	341	321	260	262	301	301	301	282	301	299	299	254	240	253

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012
		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Sheet Pile Bulkhead Demolition																												
	Construct New Bulkhead																												
	Retaining Bulkhead Construction																												
	Excavation Fronting E24																												
	Clamshell Dredging																												
	Land Ex																												
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Retaining Bulkhead Construction																												
	Utility Construction																												
	New Container Yard Utilities																												
	Paving																												
	New Container Yard Construction - Paving																												
	Lighting, Striping, Crane Power																												
	New Container Yard Construction - Electrical	1	1	1																									
	Prepare for Toe Dike / Construct Dike (1st Lift)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Fill within Dike																												
	Clamshell Dredging																												
	Remaining Dike Lifts																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Remaining Fill Lifts																												
	Clamshell Dredging																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land	4	4	4	4																								
	Drive 24-In Octagonal Piles - Water	5	5	5	5																								
	Drive Piles - Misc Activities	2	2	2	2																								
	Reinforced Concrete Wharf	8	8	8	8																								
	Retaining Bulkhead Construction	2	2	2	2																								
	Construct South Mooring Dolphin																												
	Drive 24-In Octagonal Piles - Water				5	5	5	5																					
	Wick Drains																												
	Wick Drains																												
	Surcharge (Initial Pump, Plus Clamshell or Truck)																												
	Roll Surcharge	14	14																										
	Remove Surcharge to Slip 1 Fill Site																												
	Roll Surcharge									14	14																		
	Utility Construction																												
	New Container Yard Utilities				6	6	6	6	6	6																			
	Paving																												
	New Container Yard Construction - Paving									3	3	3	3	3	3														
	Lighting, Fence, Striping, Crane Power																												
	New Container Yard Construction - Electrical													1	1	1	1	1	1										
	Construct Retaining Structure at Pier D Oil Area																												
	Retaining Bulkhead Construction																												
	Excavate & Truck Material in Cell Bulkhead																												
	Land Ex																												
	Excavate Material Fronting Pier D																												
	Land Ex																												
	Clamshell Dredging																												
	Remove Cellular Sheetpile																												
	Sheet Pile Bulkhead Demolition	2																											

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012
		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																												
	Rock Placement, Push Off & Tub & Orange Peels	19	19	19	19	19																							
	Hydraulic or Clamshell Dredge to -55 ft																												
	Clamshell Dredging																												
	Ground Improvments Pier D																												
	Stone Column Installation Eq	9	9	9	9	9	9																						
	Marine Rock Delivery Eq	19	19	19	19	19	19																						
	Demo - E12-13 Wharf																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Lift #1 (~ -30)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Lift #2 (~ -15)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Lift #3 (~ 0)																												
	Rock Placement, Push Off & Tub & Orange Peels	19	19	19	19																								
	Lift #4 (~ +15)																												
	Rock Placement, Push Off & Tub & Orange Peels					19	19	19	19	19	19																		
	Initial Surcharge and Wick Drains																												
	Wick Drains											0																	
	Roll Surcharge											14																	
	2nd Surcharge and Wick Drains																												
	Wick Drains												0	0															
	Roll Surcharge												14	14															
	3rd Surcharge and Wick Drains																												
	Wick Drains														0	0													
	Roll Surcharge														14	14													
	4th Surcharge and Wick Drains																												
	Wick Drains																0	0	0	0									
	Roll Surcharge																14	14	14	14									
	Remove Surcharge																												
	Roll Surcharge																												
	Container Yard Development																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
	New Container Yard Construction - Electrical																												
	POLB Ocean Blvd Track Reconfiguration																												
	Triple Track Installation Demo Eq																			1									
	Triple Track Utility Relocation Eq																												
	Triple Track Grading Eq																					0							
	Triple Track Retaining Wall Eq																												
	Triple Track Trackwork Eq																								0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq																												
Ph 1-2	Demolish Existing Facilities																												
	Sheet Pile Bulkhead Demolition																					2	2	2	2	2	2		
	Wharf Demolition Landside																					3	3	3	3	3	3		
	Wharf Demolition Marine																					5	5	5	5	5	5		
	Construct New Bulkhead (Install Transition Bulkhead)																												
	Retaining Bulkhead Construction																							2	2	2			
	Excavation Fronting E25 and Dispose Slip 1																												
	Clamshell Dredging																						29	29	29	29	29		
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												14
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	CY Development																												
	New Container Yard Construction - Paving																												

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012
		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																												
Ph 1-2	Clamshell Dredging																												29
Ph 1-3	Demolish Existing Facilities																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Sheet Pile Bulkhead Demolition																												
	Construct New Bulkhead																												
	Retaining Bulkhead Construction																												
	Excavation Fronting E26 and Dispose Slip 1																												
	Clamshell Dredging																												
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Construct E27 Bulkhead																												
	Retaining Bulkhead Construction																												
	CY Development																												
	Vibratory Hammer & Power Pack																												
	Flatbed Truck																												
	Welding Machine																												
	Hydraulic Dredge to -55ft																												
Ph 1-3	Clamshell Dredging																												
Ph 1-4	Seaside Railyard Area Redevelopment																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
Ph 1-4	New Container Yard Construction - Electrical																												
Ph 1-5	Construction																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
Ph 1-5	New Container Yard Construction - Electrical																												
Ph 2-1	Demolition																												
	Wharf Demolition Landside																												
	Railyard																												
	Intermodal Yard Construction																												
	Container Yard Development (F1 - F4)																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
	New Container Yard Construction - Electrical																												
	Demo Existing F1-4, F6 Wharf																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Construct East Basin Retaining Dike																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Slip/Basin Fill & Surcharge East																												
	Cutter Suction Dredging- Spill Barge (No Booster)																												
	Cutter Suction Dredging- Land Disposal (No Booster)																												
	Wick Drains																												
	Roll Surcharge																												
Ph 2-1	Roll Surcharge																												
Ph 2-2	Construction - New Terminal Buildings																												
	Building Construction																												
	Dredge and Excavate at Quay Wall																												
	Clamshell Dredging																												
	Demo Existing F8-10 Wharf																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012
		Dec		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																												
	Land Ex																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Retaining Bulkhead Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Basin Fill and Surcharge West																												
	Cutter Suction Dredging- Spill Barge (No Booster)																												
	Cutter Suction Dredging- Land Disposal (No Booster)																												
	Wick Drains																												
	Settlement Period																												
Ph 2-2	Roll Surcharge																												
Ph 2-3	Remove Surcharge																												
	Roll Surcharge																												
	CY Development																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
Ph 2-3	New Container Yard Construction - Electrical																												
All	Fugitive Dust from Ground Disturbance	148	148	148	148	148	444	444	444	444	444	444	444	444	444	444	296	296	296	296	296	296	296	296	296	296	296	296	296
	Daily Total	251	249	235	246	225	502	474	469	486	480	461	461	462	462	459	311	311	311	310	297	296	307	336	338	338	338	336	340

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities																													
	Wharf Demolition Landside																													
	Wharf Demolition Marine																													
	Sheet Pile Bulkhead Demolition																													
	Construct New Bulkhead																													
	Retaining Bulkhead Construction																													
	Excavation Fronting E24																													
	Clamshell Dredging																													
	Land Ex																													
	Construct New Armor Slope																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Wharf Construction																													
	Drive 24-In Octagonal Piles - Land																													
	Drive 24-In Octagonal Piles - Water																													
	Drive Piles - Misc Activities																													
	Reinforced Concrete Wharf																													
	Retaining Bulkhead Construction																													
	Utility Construction																													
	New Container Yard Utilities																													
	Paving																													
	New Container Yard Construction - Paving																													
	Lighting, Striping, Crane Power																													
	New Container Yard Construction - Electrical																													
	Prepare for Toe Dike / Construct Dike (1st Lift)																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Fill within Dike																													
	Clamshell Dredging																													
	Remaining Dike Lifts																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Remaining Fill Lifts																													
	Clamshell Dredging																													
	Wharf Construction																													
	Drive 24-In Octagonal Piles - Land																													
	Drive 24-In Octagonal Piles - Water																													
	Drive Piles - Misc Activities																													
	Reinforced Concrete Wharf																													
	Retaining Bulkhead Construction																													
	Construct South Mooring Dolphin																													
	Drive 24-In Octagonal Piles - Water																													
	Wick Drains																													
	Wick Drains																													
	Surcharge (Initial Pump, Plus Clamshell or Truck)																													
	Roll Surcharge																													
	Remove Surcharge to Slip 1 Fill Site																													
	Roll Surcharge																													
	Utility Construction																													
	New Container Yard Utilities																													
	Paving																													
	New Container Yard Construction - Paving																													
	Lighting, Fence, Striping, Crane Power																													
	New Container Yard Construction - Electrical																													
	Construct Retaining Structure at Pier D Oil Area																													
	Retaining Bulkhead Construction																													
	Excavate & Truck Material in Cell Bulkhead																													
	Land Ex																													
	Excavate Material Fronting Pier D																													
	Land Ex																													
	Clamshell Dredging																													
	Remove Cellular Sheetpile																													
	Sheet Pile Bulkhead Demolition																													

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Hydraulic or Clamshell Dredge to -55 ft																													
	Clamshell Dredging																													
	Ground Improvments Pier D																													
	Stone Column Installation Eq																													
	Marine Rock Delivery Eq																													
	Demo - E12-13 Wharf																													
	Wharf Demolition Landside																													
	Wharf Demolition Marine																													
	Lift #1 (~ -30)																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Lift #2 (~ -15)																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Lift #3 (~ 0)																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Lift #4 (~ +15)																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Initial Surcharge and Wick Drains																													
	Wick Drains																													
	Roll Surcharge																													
	2nd Surcharge and Wick Drains																													
	Wick Drains																													
	Roll Surcharge																													
	3rd Surcharge and Wick Drains																													
	Wick Drains																													
	Roll Surcharge																													
	4th Surcharge and Wick Drains																													
	Wick Drains																													
	Roll Surcharge																													
	Remove Surcharge																													
	Roll Surcharge									14	14	14	14																	
	Container Yard Development																													
	New Container Yard Utilities													6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving													3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	New Container Yard Construction - Electrical													1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	POLB Ocean Blvd Track Reconfiguration																													
	Triple Track Installation Demo Eq																													
	Triple Track Utility Relocation Eq																													
	Triple Track Grading Eq																													
	Triple Track Retaining Wall Eq																													
	Triple Track Trackwork Eq	0	0	0	0																									
Ph 1-1	Triple Track Miscellaneous Eq																													
Ph 1-2	Demolish Existing Facilities																													
	Sheet Pile Bulkhead Demolition																													
	Wharf Demolition Landside																													
	Wharf Demolition Marine																													
	Construct New Bulkhead (Install Transition Bulkhead)																													
	Retaining Bulkhead Construction																													
	Excavation Fronting E25 and Dispose Slip 1																													
	Clamshell Dredging																													
	Construct New Armor Slope																													
	Rock Placement, Push Off & Tub & Orange Peels	14	14	14	14	14																								
	Wharf Construction																													
	Drive 24-In Octagonal Piles - Land						4	4	4	4	4	4	4	4	4	4	4	4												
	Drive 24-In Octagonal Piles - Water						4	4	4	4	4	4	4	4	4	4	4	4												
	Drive Piles - Misc Activities						2	2	2	2	2	2	2	2	2	2	2	2												
	Reinforced Concrete Wharf						8	8	8	8	8	8	8	8	8	8	8	8												
	CY Development																													
	New Container Yard Construction - Paving																		3	3	3	3	3	3	3	3	3	3	3	

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013
		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Dredge to -55 ft																													
Ph 1-2	Clamshell Dredging	29																												
Ph 1-3	Demolish Existing Facilities																													
	Wharf Demolition Landside																													3
	Wharf Demolition Marine																													5
	Sheet Pile Bulkhead Demolition																													2
	Construct New Bulkhead																													
	Retaining Bulkhead Construction																													
	Excavation Fronting E26 and Dispose Slip 1																													
	Clamshell Dredging																													
	Construct New Armor Slope																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Wharf Construction																													
	Drive 24-In Octagonal Piles - Land																													
	Drive 24-In Octagonal Piles - Water																													
	Drive Piles - Misc Activities																													
	Reinforced Concrete Wharf																													
	Construct E27 Bulkhead																													
	Retaining Bulkhead Construction																													
	CY Development																													
	Vibratory Hammer & Power Pack																													
	Flatbed Truck																													
	Welding Machine																													
	Hydraulic Dredge to -55ft																													
Ph 1-3	Clamshell Dredging																													
Ph 1-4	Seaside Railyard Area Redevelopment																													
	New Container Yard Utilities																													
	New Container Yard Construction - Paving																													
Ph 1-4	New Container Yard Construction - Electrical																													
Ph 1-5	Construction																													
	New Container Yard Utilities																													
	New Container Yard Construction - Paving																													
Ph 1-5	New Container Yard Construction - Electrical																													
Ph 2-1	Demolition																													
	Wharf Demolition Landside																													
	Railyard																													
	Intermodal Yard Construction																													
	Container Yard Development (F1 - F4)																													
	New Container Yard Utilities																													
	New Container Yard Construction - Paving																													
	New Container Yard Construction - Electrical																													
	Demo Existing F1-4, F6 Wharf																													
	Wharf Demolition Landside																													
	Wharf Demolition Marine																													
	Construct East Basin Retaining Dike																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Slip/Basin Fill & Surcharge East																													
	Cutter Suction Dredging- Spill Barge (No Booster)																													
	Cutter Suction Dredging- Land Disposal (No Booster)																													
	Wick Drains																													
	Roll Surcharge																													
Ph 2-1	Roll Surcharge																													
Ph 2-2	Construction - New Terminal Buildings																													
	Building Construction																													
	Dredge and Excavate at Quay Wall																													
	Clamshell Dredging																													
	Demo Existing F8-10 Wharf																													
	Wharf Demolition Landside																													
	Wharf Demolition Marine																													

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013
		Feb		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																													
	Land Ex																													
	Rock Placement, Push Off & Tub & Orange Peels																													
	Retaining Bulkhead Construction																													
	Drive 24-In Octagonal Piles - Land																													
	Drive 24-In Octagonal Piles - Water																													
	Drive Piles - Misc Activities																													
	Reinforced Concrete Wharf																													
	Basin Fill and Surcharge West																													
	Cutter Suction Dredging- Spill Barge (No Booster)																													
	Cutter Suction Dredging- Land Disposal (No Booster)																													
	Wick Drains																													
	Settlement Period																													
Ph 2-2	Roll Surcharge																													
Ph 2-3	Remove Surcharge																													
	Roll Surcharge																													
	CY Development																													
	New Container Yard Utilities																													
	New Container Yard Construction - Paving																													
Ph 2-3	New Container Yard Construction - Electrical																													
All	Fugitive Dust from Ground Disturbance	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296
	Daily Total	340	311	311	311	310	313	313	313	327	327	327	327	323	323	323	323	323	309	309	309	309	309	309	309	309	309	309	309	316

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Sheet Pile Bulkhead Demolition																									
	Construct New Bulkhead																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E24																									
	Clamshell Dredging																									
	Land Ex																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Prepare for Toe Dike / Construct Dike (1st Lift)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Fill within Dike																									
	Clamshell Dredging																									
	Remaining Dike Lifts																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Remaining Fill Lifts																									
	Clamshell Dredging																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Retaining Bulkhead Construction																									
	Construct South Mooring Dolphin																									
	Drive 24-In Octagonal Piles - Water																									
	Wick Drains																									
	Wick Drains																									
	Surcharge (Initial Pump, Plus Clamshell or Truck)																									
	Roll Surcharge																									
	Remove Surcharge to Slip 1 Fill Site																									
	Roll Surcharge																									
	Utility Construction																									
	New Container Yard Utilities																									
	Paving																									
	New Container Yard Construction - Paving																									
	Lighting, Fence, Striping, Crane Power																									
	New Container Yard Construction - Electrical																									
	Construct Retaining Structure at Pier D Oil Area																									
	Retaining Bulkhead Construction																									
	Excavate & Truck Material in Cell Bulkhead																									
	Land Ex																									
	Excavate Material Fronting Pier D																									
	Land Ex																									
	Clamshell Dredging																									
	Remove Cellular Sheetpile																									
	Sheet Pile Bulkhead Demolition																									

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Hydraulic or Clamshell Dredge to -55 ft																									
	Clamshell Dredging																									
	Ground Improvments Pier D																									
	Stone Column Installation Eq																									
	Marine Rock Delivery Eq																									
	Demo - E12-13 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Lift #1 (~ -30)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #2 (~ -15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #3 (~ 0)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Lift #4 (~ +15)																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Initial Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	2nd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	3rd Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	4th Surcharge and Wick Drains																									
	Wick Drains																									
	Roll Surcharge																									
	Remove Surcharge																									
	Roll Surcharge																									
	Container Yard Development																									
	New Container Yard Utilities	6	6	6																						
	New Container Yard Construction - Paving	3	3	3																						
	New Container Yard Construction - Electrical	1	1	1																						
	POLB Ocean Blvd Track Reconfiguration																									
	Triple Track Installation Demo Eq																									
	Triple Track Utility Relocation Eq																									
	Triple Track Grading Eq																									
	Triple Track Retaining Wall Eq																									
	Triple Track Trackwork Eq																									
Ph 1-1	Triple Track Miscellaneous Eq																									
Ph 1-2	Demolish Existing Facilities																									
	Sheet Pile Bulkhead Demolition																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									
	Construct New Bulkhead (Install Transition Bulkhead)																									
	Retaining Bulkhead Construction																									
	Excavation Fronting E25 and Dispose Slip 1																									
	Clamshell Dredging																									
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	CY Development																									
	New Container Yard Construction - Paving																									

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																									
Ph 1-2	Clamshell Dredging																									
Ph 1-3	Demolish Existing Facilities																									
	Wharf Demolition Landside	3	3	3	3	3	3	3	3	3	3															
	Wharf Demolition Marine	5	5	5	5	5	5	5	5	5	5															
	Sheet Pile Bulkhead Demolition	2	2	2	2	2	2	2	2	2	2															
	Construct New Bulkhead																									
	Retaining Bulkhead Construction											2	2	2	2	2	2									
	Excavation Fronting E26 and Dispose Slip 1																									
	Clamshell Dredging																	19	19	19	19	19	19	19	19	
	Construct New Armor Slope																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Wharf Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Construct E27 Bulkhead																									
	Retaining Bulkhead Construction																	2	2	2						
	CY Development																									
	Vibratory Hammer & Power Pack																									
	Flatbed Truck																									
	Welding Machine																									
	Hydraulic Dredge to -55ft																									
Ph 1-3	Clamshell Dredging																									
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-5	New Container Yard Construction - Electrical																									
Ph 2-1	Demolition																									
	Wharf Demolition Landside				3	3	3	3	3	3	3	3	3													
	Railyard																									
	Intermodal Yard Construction													5	5	5	5	5	5	5	5	5	5	5	5	5
	Container Yard Development (F1 - F4)																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
	New Container Yard Construction - Electrical																									
	Demo Existing F1-4, F6 Wharf																									
	Wharf Demolition Landside				3	3	3	3	3	3	3	3	3	3	3	3										
	Wharf Demolition Marine																									
	Construct East Basin Retaining Dike																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Slip/Basin Fill & Surcharge East																									
	Cutter Suction Dredging- Spill Barge (No Booster)																									
	Cutter Suction Dredging- Land Disposal (No Booster)																									
	Wick Drains																									
	Roll Surcharge																									
Ph 2-1	Roll Surcharge																									
Ph 2-2	Construction - New Terminal Buildings																									
	Building Construction																									
	Dredge and Excavate at Quay Wall																									
	Clamshell Dredging																									
	Demo Existing F8-10 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																									
	Land Ex																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Retaining Bulkhead Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Basin Fill and Surcharge West																									
	Cutter Suction Dredging- Spill Barge (No Booster)																									
	Cutter Suction Dredging- Land Disposal (No Booster)																									
	Wick Drains																									
	Settlement Period																									
Ph 2-2	Roll Surcharge																									
Ph 2-3	Remove Surcharge																									
	Roll Surcharge																									
	CY Development																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 2-3	New Container Yard Construction - Electrical																									
All	Fugitive Dust from Ground Disturbance	296	296	296	296	296	296	296	296	296	296	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
	Daily Total	316	316	316	312	312	312	312	312	312	312	775	775	776	776	776	773	792	792	792	790	790	790	790	790	771

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Ap
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2014 May 1st	2014 May 2nd	2014 Jun 1st	2014 Jun 2nd	2014 Jul 1st	2014 Jul 2nd	2014 Aug 1st	2014 Aug 2nd	2014 Sep 1st	2014 Sep 2nd	2014 Oct 1st	2014 Oct 2nd	2014 Nov 1st	2014 Nov 2nd	2014 Dec 1st	2014 Dec 2nd	2015 Jan 1st	2015 Jan 2nd	2015 Feb 1st	2015 Feb 2nd	2015 Mar 1st	2015 Mar 2nd	2015 Ap 1st
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels	10	10	10	10	10	10	10	10															
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land									4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water									4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive Piles - Misc Activities									2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf									7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging									19	19	19												
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-4	New Container Yard Construction - Electrical																							
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction	5	5	5	5	5	5	5	5															
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities									6	6	6	6	6	6	6	6	6						
	New Container Yard Construction - Paving									3	3	3	3	3	3	3	3	3						
	New Container Yard Construction - Electrical									1	1	1	1	1	1	1	1	1						
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings																							
	Building Construction																							
	Dredge and Excavate at Quay Wall																							
	Clamshell Dredging																							
	Demo Existing F8-10 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																							
	Land Ex																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Basin Fill and Surcharge West																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Settlement Period																							
Ph 2-2	Roll Surcharge																							
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
All	Fugitive Dust from Ground Disturbance	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767
	Daily Total	781	781	781	781	781	781	781	781	812	812	812	792	792	792	792	792	792	782	782	782	782	782	782

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Sheet Pile Bulkhead Demolition																												
	Construct New Bulkhead																												
	Retaining Bulkhead Construction																												
	Excavation Fronting E24																												
	Clamshell Dredging																												
	Land Ex																												
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Retaining Bulkhead Construction																												
	Utility Construction																												
	New Container Yard Utilities																												
	Paving																												
	New Container Yard Construction - Paving																												
	Lighting, Striping, Crane Power																												
	New Container Yard Construction - Electrical																												
	Prepare for Toe Dike / Construct Dike (1st Lift)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Fill within Dike																												
	Clamshell Dredging																												
	Remaining Dike Lifts																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Remaining Fill Lifts																												
	Clamshell Dredging																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Retaining Bulkhead Construction																												
	Construct South Mooring Dolphin																												
	Drive 24-In Octagonal Piles - Water																												
	Wick Drains																												
	Wick Drains																												
	Surcharge (Initial Pump, Plus Clamshell or Truck)																												
	Roll Surcharge																												
	Remove Surcharge to Slip 1 Fill Site																												
	Roll Surcharge																												
	Utility Construction																												
	New Container Yard Utilities																												
	Paving																												
	New Container Yard Construction - Paving																												
	Lighting, Fence, Striping, Crane Power																												
	New Container Yard Construction - Electrical																												
	Construct Retaining Structure at Pier D Oil Area																												
	Retaining Bulkhead Construction																												
	Excavate & Truck Material in Cell Bulkhead																												
	Land Ex																												
	Excavate Material Fronting Pier D																												
	Land Ex																												
	Clamshell Dredging																												
	Remove Cellular Sheetpile																												
	Sheet Pile Bulkhead Demolition																												

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Hydraulic or Clamshell Dredge to -55 ft																												
	Clamshell Dredging																												
	Ground Improvments Pier D																												
	Stone Column Installation Eq																												
	Marine Rock Delivery Eq																												
	Demo - E12-13 Wharf																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Lift #1 (~ -30)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Lift #2 (~ -15)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Lift #3 (~ 0)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Lift #4 (~ +15)																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Initial Surcharge and Wick Drains																												
	Wick Drains																												
	Roll Surcharge																												
	2nd Surcharge and Wick Drains																												
	Wick Drains																												
	Roll Surcharge																												
	3rd Surcharge and Wick Drains																												
	Wick Drains																												
	Roll Surcharge																												
	4th Surcharge and Wick Drains																												
	Wick Drains																												
	Roll Surcharge																												
	Remove Surcharge																												
	Roll Surcharge																												
	Container Yard Development																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
	New Container Yard Construction - Electrical																												
	POLB Ocean Blvd Track Reconfiguration																												
	Triple Track Installation Demo Eq																												
	Triple Track Utility Relocation Eq																												
	Triple Track Grading Eq																												
	Triple Track Retaining Wall Eq																												
	Triple Track Trackwork Eq																												
Ph 1-1	Triple Track Miscellaneous Eq																												
Ph 1-2	Demolish Existing Facilities																												
	Sheet Pile Bulkhead Demolition																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Construct New Bulkhead (Install Transition Bulkhead)																												
	Retaining Bulkhead Construction																												
	Excavation Fronting E25 and Dispose Slip 1																												
	Clamshell Dredging																												
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	CY Development																												
	New Container Yard Construction - Paving																												

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Dredge to -55 ft																												
Ph 1-2	Clamshell Dredging																												
Ph 1-3	Demolish Existing Facilities																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												
	Sheet Pile Bulkhead Demolition																												
	Construct New Bulkhead																												
	Retaining Bulkhead Construction																												
	Excavation Fronting E26 and Dispose Slip 1																												
	Clamshell Dredging																												
	Construct New Armor Slope																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Wharf Construction																												
	Drive 24-In Octagonal Piles - Land	4																											
	Drive 24-In Octagonal Piles - Water	4																											
	Drive Piles - Misc Activities	2																											
	Reinforced Concrete Wharf	7																											
	Construct E27 Bulkhead																												
	Retaining Bulkhead Construction																												
	CY Development																												
	Vibratory Hammer & Power Pack		6	6	6	6	6	6	6	6	6	6	6	6	6	6													
	Flatbed Truck		3	3	3	3	3	3	3	3	3	3	3	3	3	3													
	Welding Machine		1	1	1	1	1	1	1	1	1	1	1	1	1	1													
	Hydraulic Dredge to -55ft																												
Ph 1-3	Clamshell Dredging																												
Ph 1-4	Seaside Railyard Area Redevelopment																												
	New Container Yard Utilities																										6	6	6
	New Container Yard Construction - Paving																										3	3	3
Ph 1-4	New Container Yard Construction - Electrical																										1	1	1
Ph 1-5	Construction																												
	New Container Yard Utilities										6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving										3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-5	New Container Yard Construction - Electrical										1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 2-1	Demolition																												
	Wharf Demolition Landside																												
	Railyard																												
	Intermodal Yard Construction																												
	Container Yard Development (F1 - F4)																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
	New Container Yard Construction - Electrical																												
	Demo Existing F1-4, F6 Wharf																												
	Wharf Demolition Landside								3	3	3	3	3	3	3	3	3	3	3	3									
	Wharf Demolition Marine																												
	Construct East Basin Retaining Dike																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Slip/Basin Fill & Surcharge East																												
	Cutter Suction Dredging- Spill Barge (No Booster)																												
	Cutter Suction Dredging- Land Disposal (No Booster)																												
	Wick Drains																												
	Roll Surcharge																												
Ph 2-1	Roll Surcharge																												
Ph 2-2	Construction - New Terminal Buildings																												
	Building Construction																												
	Dredge and Excavate at Quay Wall																												
	Clamshell Dredging																												
	Demo Existing F8-10 Wharf																												
	Wharf Demolition Landside																												
	Wharf Demolition Marine																												

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		pr	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Ju
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																												
	Land Ex																												
	Rock Placement, Push Off & Tub & Orange Peels																												
	Retaining Bulkhead Construction																												
	Drive 24-In Octagonal Piles - Land																												
	Drive 24-In Octagonal Piles - Water																												
	Drive Piles - Misc Activities																												
	Reinforced Concrete Wharf																												
	Basin Fill and Surcharge West																												
	Cutter Suction Dredging- Spill Barge (No Booster)																												
	Cutter Suction Dredging- Land Disposal (No Booster)																												
	Wick Drains																												
	Settlement Period																												
Ph 2-2	Roll Surcharge																												
Ph 2-3	Remove Surcharge																												
	Roll Surcharge																												
	CY Development																												
	New Container Yard Utilities																												
	New Container Yard Construction - Paving																												
Ph 2-3	New Container Yard Construction - Electrical																												
All	Fugitive Dust from Ground Disturbance	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	767	713	713	713	713	713	713	713	713	713	713	1,237	1,237
	Daily Total	782	777	777	777	777	777	777	780	780	790	790	790	790	790	790	780	726	726	726	723	723	723	723	723	723	733	1,257	1,257

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-4	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 1-5	Construction																					
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ph 1-5	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside																3	3	3	3	3	3
	Wharf Demolition Marine																4	4	4	4	4	4

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017
		n	Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																					
	Land Ex																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Retaining Bulkhead Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
All	Fugitive Dust from Ground Disturbance	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237
	Daily Total	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,265	1,265	1,265	1,265	1,265	1,265

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Ma
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment																					
	New Container Yard Utilities	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Ph 1-4	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ph 1-5	Construction																					
	New Container Yard Utilities	6	6	6	6	6	6	6	6													
	New Container Yard Construction - Paving	3	3	3	3	3	3	3	3													
Ph 1-5	New Container Yard Construction - Electrical	1	1	1	1	1	1	1	1													
Ph 2-1	Demolition																					
	Wharf Demolition Landside																					
	Railyard																					
	Intermodal Yard Construction																					
	Container Yard Development (F1 - F4)																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	Demo Existing F1-4, F6 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct East Basin Retaining Dike																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Slip/Basin Fill & Surcharge East																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Roll Surcharge																					
Ph 2-1	Roll Surcharge																					
Ph 2-2	Construction - New Terminal Buildings																					
	Building Construction																					
	Dredge and Excavate at Quay Wall																					
	Clamshell Dredging																					
	Demo Existing F8-10 Wharf																					
	Wharf Demolition Landside	3	3	3	3	3	3															
	Wharf Demolition Marine	4	4	4	4	4	4															

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																					
	Land Ex							3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Rock Placement, Push Off & Tub & Orange Peels							7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Retaining Bulkhead Construction							2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Drive 24-In Octagonal Piles - Land							4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Drive 24-In Octagonal Piles - Water							3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Drive Piles - Misc Activities							2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Reinforced Concrete Wharf							3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Basin Fill and Surcharge West																					
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains																					
	Settlement Period																					
Ph 2-2	Roll Surcharge																					
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
All	Fugitive Dust from Ground Disturbance	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	1,237	982	982	982	982	982	982	982	982	982	982	982	982
	Daily Total	1,265	1,265	1,265	1,265	1,265	1,265	1,281	1,281	1,271	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,005

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											
	Sheet Pile Bulkhead Demolition																											
	Construct New Bulkhead																											
	Retaining Bulkhead Construction																											
	Excavation Fronting E24																											
	Clamshell Dredging																											
	Land Ex																											
	Construct New Armor Slope																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Wharf Construction																											
	Drive 24-In Octagonal Piles - Land																											
	Drive 24-In Octagonal Piles - Water																											
	Drive Piles - Misc Activities																											
	Reinforced Concrete Wharf																											
	Retaining Bulkhead Construction																											
	Utility Construction																											
	New Container Yard Utilities																											
	Paving																											
	New Container Yard Construction - Paving																											
	Lighting, Striping, Crane Power																											
	New Container Yard Construction - Electrical																											
	Prepare for Toe Dike / Construct Dike (1st Lift)																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Fill within Dike																											
	Clamshell Dredging																											
	Remaining Dike Lifts																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Remaining Fill Lifts																											
	Clamshell Dredging																											
	Wharf Construction																											
	Drive 24-In Octagonal Piles - Land																											
	Drive 24-In Octagonal Piles - Water																											
	Drive Piles - Misc Activities																											
	Reinforced Concrete Wharf																											
	Retaining Bulkhead Construction																											
	Construct South Mooring Dolphin																											
	Drive 24-In Octagonal Piles - Water																											
	Wick Drains																											
	Wick Drains																											
	Surcharge (Initial Pump, Plus Clamshell or Truck)																											
	Roll Surcharge																											
	Remove Surcharge to Slip 1 Fill Site																											
	Roll Surcharge																											
	Utility Construction																											
	New Container Yard Utilities																											
	Paving																											
	New Container Yard Construction - Paving																											
	Lighting, Fence, Striping, Crane Power																											
	New Container Yard Construction - Electrical																											
	Construct Retaining Structure at Pier D Oil Area																											
	Retaining Bulkhead Construction																											
	Excavate & Truck Material in Cell Bulkhead																											
	Land Ex																											
	Excavate Material Fronting Pier D																											
	Land Ex																											
	Clamshell Dredging																											
	Remove Cellular Sheetpile																											
	Sheet Pile Bulkhead Demolition																											

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Hydraulic or Clamshell Dredge to -55 ft																											
	Clamshell Dredging																											
	Ground Improvments Pier D																											
	Stone Column Installation Eq																											
	Marine Rock Delivery Eq																											
	Demo - E12-13 Wharf																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											
	Lift #1 (~ -30)																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Lift #2 (~ -15)																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Lift #3 (~ 0)																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Lift #4 (~ +15)																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Initial Surcharge and Wick Drains																											
	Wick Drains																											
	Roll Surcharge																											
	2nd Surcharge and Wick Drains																											
	Wick Drains																											
	Roll Surcharge																											
	3rd Surcharge and Wick Drains																											
	Wick Drains																											
	Roll Surcharge																											
	4th Surcharge and Wick Drains																											
	Wick Drains																											
	Roll Surcharge																											
	Remove Surcharge																											
	Roll Surcharge																											
	Container Yard Development																											
	New Container Yard Utilities																											
	New Container Yard Construction - Paving																											
	New Container Yard Construction - Electrical																											
	POLB Ocean Blvd Track Reconfiguration																											
	Triple Track Installation Demo Eq																											
	Triple Track Utility Relocation Eq																											
	Triple Track Grading Eq																											
	Triple Track Retaining Wall Eq																											
	Triple Track Trackwork Eq																											
Ph 1-1	Triple Track Miscellaneous Eq																											
Ph 1-2	Demolish Existing Facilities																											
	Sheet Pile Bulkhead Demolition																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											
	Construct New Bulkhead (Install Transition Bulkhead)																											
	Retaining Bulkhead Construction																											
	Excavation Fronting E25 and Dispose Slip 1																											
	Clamshell Dredging																											
	Construct New Armor Slope																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Wharf Construction																											
	Drive 24-In Octagonal Piles - Land																											
	Drive 24-In Octagonal Piles - Water																											
	Drive Piles - Misc Activities																											
	Reinforced Concrete Wharf																											
	CY Development																											
	New Container Yard Construction - Paving																											

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

	Activity	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																											
Ph 1-2	Clamshell Dredging																											
Ph 1-3	Demolish Existing Facilities																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											
	Sheet Pile Bulkhead Demolition																											
	Construct New Bulkhead																											
	Retaining Bulkhead Construction																											
	Excavation Fronting E26 and Dispose Slip 1																											
	Clamshell Dredging																											
	Construct New Armor Slope																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Wharf Construction																											
	Drive 24-In Octagonal Piles - Land																											
	Drive 24-In Octagonal Piles - Water																											
	Drive Piles - Misc Activities																											
	Reinforced Concrete Wharf																											
	Construct E27 Bulkhead																											
	Retaining Bulkhead Construction																											
	CY Development																											
	Vibratory Hammer & Power Pack																											
	Flatbed Truck																											
	Welding Machine																											
	Hydraulic Dredge to -55ft																											
Ph 1-3	Clamshell Dredging																											
Ph 1-4	Seaside Railyard Area Redevelopment																											
	New Container Yard Utilities																											
	New Container Yard Construction - Paving																											
Ph 1-4	New Container Yard Construction - Electrical																											
Ph 1-5	Construction																											
	New Container Yard Utilities																											
	New Container Yard Construction - Paving																											
Ph 1-5	New Container Yard Construction - Electrical																											
Ph 2-1	Demolition																											
	Wharf Demolition Landside																											
	Railyard																											
	Intermodal Yard Construction																											
	Container Yard Development (F1 - F4)																											
	New Container Yard Utilities																											
	New Container Yard Construction - Paving																											
	New Container Yard Construction - Electrical																											
	Demo Existing F1-4, F6 Wharf																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											
	Construct East Basin Retaining Dike																											
	Rock Placement, Push Off & Tub & Orange Peels																											
	Slip/Basin Fill & Surcharge East																											
	Cutter Suction Dredging- Spill Barge (No Booster)																											
	Cutter Suction Dredging- Land Disposal (No Booster)																											
	Wick Drains																											
	Roll Surcharge																											
Ph 2-1	Roll Surcharge																											
Ph 2-2	Construction - New Terminal Buildings																											
	Building Construction																											
	Dredge and Excavate at Quay Wall																											
	Clamshell Dredging																											
	Demo Existing F8-10 Wharf																											
	Wharf Demolition Landside																											
	Wharf Demolition Marine																											

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019
		ar	Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																											
	Land Ex	3	3	3	3	3	3	3	3	3	3	3	3	3														
	Rock Placement, Push Off & Tub & Orange Peels	7	7	7	7	7	7	7	7	7	7	7	7	7														
	Retaining Bulkhead Construction	2	2	2	2	2	2	2	2	2	2	2	2	2														
	Drive 24-In Octagonal Piles - Land	4	4	4	4	4	4	4	4	4	4	4	4	4														
	Drive 24-In Octagonal Piles - Water	3	3	3	3	3	3	3	3	3	3	3	3	3														
	Drive Piles - Misc Activities	2	2	2	2	2	2	2	2	2	2	2	2	2														
	Reinforced Concrete Wharf	3	3	3	3	3	3	3	3	3	3	3	3	3														
	Basin Fill and Surcharge West																											
	Cutter Suction Dredging- Spill Barge (No Booster)																											
	Cutter Suction Dredging- Land Disposal (No Booster)																											
	Wick Drains																											
	Settlement Period																											
Ph 2-2	Roll Surcharge																											
Ph 2-3	Remove Surcharge																											
	Roll Surcharge																											
	CY Development																											
	New Container Yard Utilities																											
	New Container Yard Construction - Paving																											
Ph 2-3	New Container Yard Construction - Electrical																											
All	Fugitive Dust from Ground Disturbance	982	982	982	982	753	753	753	753	753	753	753	753	753	753	753	753	282	282	282	282	282	282	282	282	619	619	619
	Daily Total	1,005	1,005	1,005	1,005	776	776	776	776	776	776	776	776	776	753	753	753	282	282	282	282	282	282	282	282	619	619	619

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																
	Wharf Demolition Landside																
	Wharf Demolition Marine																
	Sheet Pile Bulkhead Demolition																
	Construct New Bulkhead																
	Retaining Bulkhead Construction																
	Excavation Fronting E24																
	Clamshell Dredging																
	Land Ex																
	Construct New Armor Slope																
	Rock Placement, Push Off & Tub & Orange Peels																
	Wharf Construction																
	Drive 24-In Octagonal Piles - Land																
	Drive 24-In Octagonal Piles - Water																
	Drive Piles - Misc Activities																
	Reinforced Concrete Wharf																
	Retaining Bulkhead Construction																
	Utility Construction																
	New Container Yard Utilities																
	Paving																
	New Container Yard Construction - Paving																
	Lighting, Striping, Crane Power																
	New Container Yard Construction - Electrical																
	Prepare for Toe Dike / Construct Dike (1st Lift)																
	Rock Placement, Push Off & Tub & Orange Peels																
	Fill within Dike																
	Clamshell Dredging																
	Remaining Dike Lifts																
	Rock Placement, Push Off & Tub & Orange Peels																
	Remaining Fill Lifts																
	Clamshell Dredging																
	Wharf Construction																
	Drive 24-In Octagonal Piles - Land																
	Drive 24-In Octagonal Piles - Water																
	Drive Piles - Misc Activities																
	Reinforced Concrete Wharf																
	Retaining Bulkhead Construction																
	Construct South Mooring Dolphin																
	Drive 24-In Octagonal Piles - Water																
	Wick Drains																
	Wick Drains																
	Surcharge (Initial Pump, Plus Clamshell or Truck)																
	Roll Surcharge																
	Remove Surcharge to Slip 1 Fill Site																
	Roll Surcharge																
	Utility Construction																
	New Container Yard Utilities																
	Paving																
	New Container Yard Construction - Paving																
	Lighting, Fence, Striping, Crane Power																
	New Container Yard Construction - Electrical																
	Construct Retaining Structure at Pier D Oil Area																
	Retaining Bulkhead Construction																
	Excavate & Truck Material in Cell Bulkhead																
	Land Ex																
	Excavate Material Fronting Pier D																
	Land Ex																
	Clamshell Dredging																
	Remove Cellular Sheetpile																
	Sheet Pile Bulkhead Demolition																

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																
	Rock Placement, Push Off & Tub & Orange Peels																
	Hydraulic or Clamshell Dredge to -55 ft																
	Clamshell Dredging																
	Ground Improvments Pier D																
	Stone Column Installation Eq																
	Marine Rock Delivery Eq																
	Demo - E12-13 Wharf																
	Wharf Demolition Landside																
	Wharf Demolition Marine																
	Lift #1 (~ -30)																
	Rock Placement, Push Off & Tub & Orange Peels																
	Lift #2 (~ -15)																
	Rock Placement, Push Off & Tub & Orange Peels																
	Lift #3 (~ 0)																
	Rock Placement, Push Off & Tub & Orange Peels																
	Lift #4 (~ +15)																
	Rock Placement, Push Off & Tub & Orange Peels																
	Initial Surcharge and Wick Drains																
	Wick Drains																
	Roll Surcharge																
	2nd Surcharge and Wick Drains																
	Wick Drains																
	Roll Surcharge																
	3rd Surcharge and Wick Drains																
	Wick Drains																
	Roll Surcharge																
	4th Surcharge and Wick Drains																
	Wick Drains																
	Roll Surcharge																
	Remove Surcharge																
	Roll Surcharge																
	Container Yard Development																
	New Container Yard Utilities																
	New Container Yard Construction - Paving																
	New Container Yard Construction - Electrical																
	POLB Ocean Blvd Track Reconfiguration																
	Triple Track Installation Demo Eq																
	Triple Track Utility Relocation Eq																
	Triple Track Grading Eq																
	Triple Track Retaining Wall Eq																
	Triple Track Trackwork Eq																
Ph 1-1	Triple Track Miscellaneous Eq																
Ph 1-2	Demolish Existing Facilities																
	Sheet Pile Bulkhead Demolition																
	Wharf Demolition Landside																
	Wharf Demolition Marine																
	Construct New Bulkhead (Install Transition Bulkhead)																
	Retaining Bulkhead Construction																
	Excavation Fronting E25 and Dispose Slip 1																
	Clamshell Dredging																
	Construct New Armor Slope																
	Rock Placement, Push Off & Tub & Orange Peels																
	Wharf Construction																
	Drive 24-In Octagonal Piles - Land																
	Drive 24-In Octagonal Piles - Water																
	Drive Piles - Misc Activities																
	Reinforced Concrete Wharf																
	CY Development																
	New Container Yard Construction - Paving																

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																
Ph 1-2	Clamshell Dredging																
Ph 1-3	Demolish Existing Facilities																
	Wharf Demolition Landside																
	Wharf Demolition Marine																
	Sheet Pile Bulkhead Demolition																
	Construct New Bulkhead																
	Retaining Bulkhead Construction																
	Excavation Fronting E26 and Dispose Slip 1																
	Clamshell Dredging																
	Construct New Armor Slope																
	Rock Placement, Push Off & Tub & Orange Peels																
	Wharf Construction																
	Drive 24-In Octagonal Piles - Land																
	Drive 24-In Octagonal Piles - Water																
	Drive Piles - Misc Activities																
	Reinforced Concrete Wharf																
	Construct E27 Bulkhead																
	Retaining Bulkhead Construction																
	CY Development																
	Vibratory Hammer & Power Pack																
	Flatbed Truck																
	Welding Machine																
	Hydraulic Dredge to -55ft																
Ph 1-3	Clamshell Dredging																
Ph 1-4	Seaside Railyard Area Redevelopment																
	New Container Yard Utilities																
	New Container Yard Construction - Paving																
Ph 1-4	New Container Yard Construction - Electrical																
Ph 1-5	Construction																
	New Container Yard Utilities																
	New Container Yard Construction - Paving																
Ph 1-5	New Container Yard Construction - Electrical																
Ph 2-1	Demolition																
	Wharf Demolition Landside																
	Railyard																
	Intermodal Yard Construction																
	Container Yard Development (F1 - F4)																
	New Container Yard Utilities																
	New Container Yard Construction - Paving																
	New Container Yard Construction - Electrical																
	Demo Existing F1-4, F6 Wharf																
	Wharf Demolition Landside																
	Wharf Demolition Marine																
	Construct East Basin Retaining Dike																
	Rock Placement, Push Off & Tub & Orange Peels																
	Slip/Basin Fill & Surcharge East																
	Cutter Suction Dredging- Spill Barge (No Booster)																
	Cutter Suction Dredging- Land Disposal (No Booster)																
	Wick Drains																
	Roll Surcharge																
Ph 2-1	Roll Surcharge																
Ph 2-2	Construction - New Terminal Buildings																
	Building Construction																
	Dredge and Excavate at Quay Wall																
	Clamshell Dredging																
	Demo Existing F8-10 Wharf																
	Wharf Demolition Landside																
	Wharf Demolition Marine																

Table A.2.2 Alt 2-8 Definition of Peak Daily PM10 Emissions - POLB
MHTP - Alternative 2

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		May		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																
	Land Ex																
	Rock Placement, Push Off & Tub & Orange Peels																
	Retaining Bulkhead Construction																
	Drive 24-In Octagonal Piles - Land																
	Drive 24-In Octagonal Piles - Water																
	Drive Piles - Misc Activities																
	Reinforced Concrete Wharf																
	Basin Fill and Surcharge West																
	Cutter Suction Dredging- Spill Barge (No Booster)																
	Cutter Suction Dredging- Land Disposal (No Booster)																
	Wick Drains																
	Settlement Period																
Ph 2-2	Roll Surcharge																
Ph 2-3	Remove Surcharge																
	Roll Surcharge																
	CY Development																
	New Container Yard Utilities																
	New Container Yard Construction - Paving																
Ph 2-3	New Container Yard Construction - Electrical																
All	Fugitive Dust from Ground Disturbance	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619
	Daily Total	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0											
	Wharf Demolition Marine	1	1	1	1	1	1	1	1	1											
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0											
	Construct New Bulkhead																				
	Retaining Bulkhead Construction						0	0													
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex								0	0	0	0	0	0	0						
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land												0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water												1	1	1	1	1	1	1	1	1
	Drive Piles - Misc Activities												0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf												1	1	1	1	1	1	1	1	1
	Retaining Bulkhead Construction												0	0	0	0	0	0	0	0	0
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction						0	0	0	0	0	0									
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex													0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D																				
	Land Ex												0	0	0	0	0	0	0	0	0
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																0	0	0	0	0
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside										0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine										1	1	1	1	1	1	1	1	1	1	1
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	Hourly Total	20	20	20	20	20	20	20	20	20	20	20	23	23	23	23	23	23	23	23	23

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0	0																		
	Drive 24-In Octagonal Piles - Water	1	1																		
	Drive Piles - Misc Activities	0	0																		
	Reinforced Concrete Wharf	1	1																		
	Retaining Bulkhead Construction	0	0																		
	Utility Construction																				
	New Container Yard Utilities		1	1	1																
	Paving																				
	New Container Yard Construction - Paving					0	0														
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical							0	0	0											
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land			0	0	0	0	0	0	0	0										
	Drive 24-In Octagonal Piles - Water			1	1	1	1	1	1	1	1										
	Drive Piles - Misc Activities			0	0	0	0	0	0	0	0										
	Reinforced Concrete Wharf			1	1	1	1	1	1	1	1										
	Retaining Bulkhead Construction			0	0	0	0	0	0	0	0										
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water										1	1	1	1							
	Wick Drains																				
	Wick Drains			0	0	0															
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge						2	2	2												
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge															2	2				
	Utility Construction																				
	New Container Yard Utilities										1	1	1	1	1	1					
	Paving																				
	New Container Yard Construction - Paving															0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																			0	0
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	0	0	0																	
	Excavate Material Fronting Pier D																				
	Land Ex	0	0	0																	
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0													
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq					1	1	1	1	1	1	1	1								
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	0																			
	Wharf Demolition Marine	1																			
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																	0			
	Roll Surcharge																	2			
	2nd Surcharge and Wick Drains																				
	Wick Drains																		0	0	
	Roll Surcharge																		2	2	
	3rd Surcharge and Wick Drains																				
	Wick Drains																				0
	Roll Surcharge																				2
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	18	18	18	18	18	18	18	18	18	18	18	55	55	55	55	55	55	55	55	55
	Hourly Total	23	23	23	22	23	25	24	24	22	24	21	58	57	56	58	58	58	58	58	58

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	0	0	0	0																
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains	0																			
	Roll Surcharge	2																			
	4th Surcharge and Wick Drains																				
	Wick Drains		0	0	0	0															
	Roll Surcharge		2	2	2	2															
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq						0														
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq								0												
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq										0	0	0	0	0	0	0	0	0		
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition								0	0	0	0	0	0							
	Wharf Demolition Landside								0	0	0	0	0	0							
	Wharf Demolition Marine								1	1	1	1	1	1							
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction										0	0	0								
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				0
	Drive 24-In Octagonal Piles - Water																				1
	Drive Piles - Misc Activities																				0
	Reinforced Concrete Wharf																				1
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	55	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
	Hourly Total	57	39	39	39	39	37	37	38	38	39	39	39	38	37	37	37	37	37	37	39

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge			2	2	2	2														
	Container Yard Development																				
	New Container Yard Utilities							1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0									
	Drive 24-In Octagonal Piles - Water	1	1	1	1	1	1	1	1	1	1	1									
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0									
	Reinforced Concrete Wharf	1	1	1	1	1	1	1	1	1	1	1									
	CY Development																				
	New Container Yard Construction - Paving												0	0	0	0	0	0	0	0	0
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
	Hourly Total	39	39	41	41	41	41	40	40	40	40	40	39	39	39	39	39	39	39	39	39

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities	1	1	1	1	1	1														
	New Container Yard Construction - Paving	0	0	0	0	0	0														
	New Container Yard Construction - Electrical	0	0	0	0	0	0														
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving	0	0																		
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside			0	0	0	0	0	0	0	0	0	0	0							
	Wharf Demolition Marine			1	1	1	1	1	1	1	1	1	1	1							

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition			0	0	0	0	0	0	0	0	0	0	0							
	Construct New Bulkhead																				
	Retaining Bulkhead Construction														0	0	0	0	0	0	
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				0
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside							0	0	0	0	0	0	0	0	0					
	Railyard																				
	Intermodal Yard Construction																1	1	1	1	1
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside							0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Demolition Marine							-	-	-	-	-	-	-	-	-	-	-	-		
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	37	37	37	37	37	37	37	37	37	37	37	37	37	96	96	67	67	67	96	96
	Hourly Total	39	39	40	40	40	40	39	39	39	39	39	39	39	97	97	68	68	68	97	97

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																	0	0	0	0
	Drive 24-In Octagonal Piles - Water																	0	0	0	0
	Drive Piles - Misc Activities																	0	0	0	0
	Reinforced Concrete Wharf																	1	1	1	1
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction	0	0																		
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																	1	1	1	1
	New Container Yard Construction - Paving																	0	0	0	0
	New Container Yard Construction - Electrical																	0	0	0	0
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
	Hourly Total	97	97	96	96	96	96	96	96	96	96	96	96	96	96	96	96	99	99	99	99

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0								
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0								
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0								
	Reinforced Concrete Wharf	1	1	1	1	1	1	1	1	1	1	1	1								
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack													1	1	1	1	1	1	1	1
	Flatbed Truck													0	0	0	0	0	0	0	0
	Welding Machine													0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities	1	1	1	1	1															
	New Container Yard Construction - Paving	0	0	0	0	0															
	New Container Yard Construction - Electrical	0	0	0	0	0															
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
	Hourly Total	99	99	99	99	99	98	98	98	98	98	98	98	97	97	97	97	97	97	97	97

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack	1	1	1	1	1	1														
	Flatbed Truck	0	0	0	0	0	0														
	Welding Machine	0	0	0	0	0	0														
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																	1	1	1	1
	New Container Yard Construction - Paving																	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical																	0	0	0	0
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge											-	-	-	-	-	-	-	-	-	-
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	96	96	96	96	96	96	96	89	89	89	89	89	89	89	89	89	89	155	155	155
	Hourly Total	98	98	98	98	98	98	97	90	90	90	90	90	90	90	90	90	92	157	157	157

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge	-	-																		
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside															0	0	0	0	0	0
	Wharf Demolition Marine															1	1	1	1	1	1
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155
	Hourly Total	157	157	157	157	157	157	157	157	157	157	157	157	157	157	158	158	158	158	158	158

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1												
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0												
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0												
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside	0	0	0	0	0	0														
	Wharf Demolition Marine	1	1	1	1	1	1														
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities							0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf							0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	155	155	155	155	155	155	89	89	155	123	123	123	123	123	123	123	123	123	123	123
	Hourly Total	158	158	158	158	158	158	94	94	158	126	126	126	126	126	126	126	126	126	126	126

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	123	123	123	123	123	94	94	94	94	94	94	94	94	94	94	94	94	35	35	35
	Hourly Total	125	125	125	125	125	96	96	96	96	96	96	96	96	96	94	94	94	35	35	35

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Develop Terminal North of Ocean Blvd.																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct Berth 23 Wharf , Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	35	35	35	35	35	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
	Hourly Total	35	35	35	35	35	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities				
	Wharf Demolition Landside				
	Wharf Demolition Marine				
	Sheet Pile Bulkhead Demolition				
	Construct New Bulkhead				
	Retaining Bulkhead Construction				
	Excavation Fronting E24				
	Clamshell Dredging				
	Land Ex				
	Construct New Armor Slope				
	Rock Placement, Push Off & Tub & Orange Peels				
	Wharf Construction				
	Drive 24-In Octagonal Piles - Land				
	Drive 24-In Octagonal Piles - Water				
	Drive Piles - Misc Activities				
	Reinforced Concrete Wharf				
	Retaining Bulkhead Construction				
	Utility Construction				
	New Container Yard Utilities				
	Paving				
	New Container Yard Construction - Paving				
	Lighting, Striping, Crane Power				
	New Container Yard Construction - Electrical				
	Prepare for Toe Dike / Construct Dike (1st Lift)				
	Rock Placement, Push Off & Tub & Orange Peels				
	Fill within Dike				
	Clamshell Dredging				
	Remaining Dike Lifts				
	Rock Placement, Push Off & Tub & Orange Peels				
	Remaining Fill Lifts				
	Clamshell Dredging				
	Wharf Construction				
	Drive 24-In Octagonal Piles - Land				
	Drive 24-In Octagonal Piles - Water				
	Drive Piles - Misc Activities				
	Reinforced Concrete Wharf				
	Retaining Bulkhead Construction				
	Construct South Mooring Dolphin				
	Drive 24-In Octagonal Piles - Water				
	Wick Drains				
	Wick Drains				
	Surcharge (Initial Pump, Plus Clamshell or Truck)				
	Roll Surcharge				
	Remove Surcharge to Slip 1 Fill Site				
	Roll Surcharge				
	Utility Construction				
	New Container Yard Utilities				
	Paving				
	New Container Yard Construction - Paving				
	Lighting, Fence, Striping, Crane Power				
	New Container Yard Construction - Electrical				
	Construct Retaining Structure at Pier D Oil Area				
	Retaining Bulkhead Construction				
	Excavate & Truck Material in Cell Bulkhead				
	Land Ex				
	Excavate Material Fronting Pier D				
	Land Ex				
	Clamshell Dredging				
	Remove Cellular Sheetpile				
	Sheet Pile Bulkhead Demolition				
	Rock Revetment				
	Rock Placement, Push Off & Tub & Orange Peels				
	Hydraulic or Clamshell Dredge to -55 ft				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*
	Clamshell Dredging				
	Ground Improvments Pier D				
	Stone Column Installation Eq				
	Marine Rock Delivery Eq				
	Demo - E12-13 Wharf				
	Wharf Demolition Landside				
	Wharf Demolition Marine				
	Lift #1 (~ -30)				
	Rock Placement, Push Off & Tub & Orange Peels				
	Lift #2 (~ -15)				
	Rock Placement, Push Off & Tub & Orange Peels				
	Lift #3 (~ 0)				
	Rock Placement, Push Off & Tub & Orange Peels				
	Lift #4 (~ +15)				
	Rock Placement, Push Off & Tub & Orange Peels				
	Initial Surcharge and Wick Drains				
	Wick Drains				
	Roll Surcharge				
	2nd Surcharge and Wick Drains				
	Wick Drains				
	Roll Surcharge				
	3rd Surcharge and Wick Drains				
	Wick Drains				
	Roll Surcharge				
	4th Surcharge and Wick Drains				
	Wick Drains				
	Roll Surcharge				
	Remove Surcharge				
	Roll Surcharge				
	Container Yard Development				
	New Container Yard Utilities				
	New Container Yard Construction - Paving				
	New Container Yard Construction - Electrical				
	POLB Ocean Blvd Track Reconfiguration				
	Triple Track Installation Demo Eq				
	Triple Track Utility Relocation Eq				
	Triple Track Grading Eq				
	Triple Track Retaining Wall Eq				
	Triple Track Trackwork Eq				
Ph 1-1	Triple Track Miscellaneous Eq				
Ph 1-2	Demolish Existing Facilities				
	Sheet Pile Bulkhead Demolition				
	Wharf Demolition Landside				
	Wharf Demolition Marine				
	Construct New Bulkhead (Install Transition Bulkhead)				
	Retaining Bulkhead Construction				
	Excavation Fronting E25 and Dispose Slip 1				
	Clamshell Dredging				
	Construct New Armor Slope				
	Rock Placement, Push Off & Tub & Orange Peels				
	Wharf Construction				
	Drive 24-In Octagonal Piles - Land				
	Drive 24-In Octagonal Piles - Water				
	Drive Piles - Misc Activities				
	Reinforced Concrete Wharf				
	CY Development				
	New Container Yard Construction - Paving				
	Dredge to -55 ft				
Ph 1-2	Clamshell Dredging				
Ph 1-3	Demolish Existing Facilities				
	Wharf Demolition Landside				
	Wharf Demolition Marine				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition				
	Construct New Bulkhead				
	Retaining Bulkhead Construction				
	Excavation Fronting E26 and Dispose Slip 1				
	Clamshell Dredging				
	Construct New Armor Slope				
	Rock Placement, Push Off & Tub & Orange Peels				
	Wharf Construction				
	Drive 24-In Octagonal Piles - Land				
	Drive 24-In Octagonal Piles - Water				
	Drive Piles - Misc Activities				
	Reinforced Concrete Wharf				
	Construct E27 Bulkhead				
	Retaining Bulkhead Construction				
	CY Development				
	Vibratory Hammer & Power Pack				
	Flatbed Truck				
	Welding Machine				
	Hydraulic Dredge to -55ft				
Ph 1-3	Clamshell Dredging				
Ph 1-4	Seaside Railyard Area Redevelopment				
	New Container Yard Utilities				
	New Container Yard Construction - Paving				
Ph 1-4	New Container Yard Construction - Electrical				
Ph 1-5	Develop Terminal North of Ocean Blvd.				
	New Container Yard Utilities				
	New Container Yard Construction - Paving				
Ph 1-5	New Container Yard Construction - Electrical				
Ph 2-1	Demolition				
	Wharf Demolition Landside				
	Railyard				
	Intermodal Yard Construction				
	Container Yard Development (F1 - F4)				
	New Container Yard Utilities				
	New Container Yard Construction - Paving				
	New Container Yard Construction - Electrical				
	Demo Existing F1-4, F6 Wharf				
	Wharf Demolition Landside				
	Wharf Demolition Marine				
	Construct East Basin Retaining Dike				
	Rock Placement, Push Off & Tub & Orange Peels				
	Slip/Basin Fill & Surcharge East				
	Cutter Suction Dredging- Spill Barge (No Booster)				
	Cutter Suction Dredging- Land Disposal (No Booster)				
	Wick Drains				
	Roll Surcharge				
Ph 2-1	Roll Surcharge				
Ph 2-2	Construction - New Terminal Buildings				
	Building Construction				
	Dredge and Excavate at Quay Wall				
	Clamshell Dredging				
	Demo Existing F8-10 Wharf				
	Wharf Demolition Landside				
	Wharf Demolition Marine				
	Construct Berth 23 Wharf , Armor, Fill				
	Land Ex				
	Rock Placement, Push Off & Tub & Orange Peels				
	Retaining Bulkhead Construction				
	Drive 24-In Octagonal Piles - Land				
	Drive 24-In Octagonal Piles - Water				
	Drive Piles - Misc Activities				
	Reinforced Concrete Wharf				

Table A.2.2 Alt2-9. Definition of Peak Hourly PM10 Emissions - POLB
MHTP - Alternative 2

		2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*
	Basin Fill and Surcharge West				
	Cutter Suction Dredging- Spill Barge (No Booster)				
	Cutter Suction Dredging- Land Disposal (No Booster)				
	Wick Drains				
	Settlement Period				
Ph 2-2	Roll Surcharge				
Ph 2-3	Remove Surcharge				
	Roll Surcharge				
	CY Development				
	New Container Yard Utilities				
	New Container Yard Construction - Paving				
Ph 2-3	New Container Yard Construction - Electrical				
All	Fugitive Dust from Ground Disturbance	77	77	77	77
	Hourly Total	77	77	77	77

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Hourly Total	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	4.5	4.5	4.5
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Excavate Material Fronting Pier D																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.3	0.3	0.3

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition									-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Landside									-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine									-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction									-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land									-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water									-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities									-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf									-	-	-	-	-	-	-	-	-	-	-	-
	CY Development																				
	New Container Yard Construction - Paving									-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	4	4	4	4	4	4	4	4	4	4	4	12	12	12	12	12	12	12	12	12
	Hourly Total	5	5	5	5	5	6	6	6	6	5	5	16	16	16	16	16	20	20	20	20

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	1.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	0.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	4.5	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	0.6	0.6	0.6	0.6	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	1.6	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1.6	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.3	0.3	0.3	0.3
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																				
	Land Ex	0.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1.6	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6
	4th Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	0	0	0	0	0	0	-						
	Wharf Demolition Landside	-	-	-	-	-	-	-	0	0	0	0	0	0	-						
	Wharf Demolition Marine	-	-	-	-	-	-	-	1	1	1	1	1	1	-						
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	0	0	0	-	-						
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	CY Development																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	12	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Hourly Total	20	16	12	11	12	13	13	14	12	14	11	11	10	8	10	10	10	10	10	12

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																				
	Wick Drains	-	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	1.6	1.6	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-
	CY Development																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Hourly Total	11	11	11	11	11	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	1.6	1.6	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.74	0.74	0.7	0.7	0.7	0.7
	New Container Yard Construction - Paving	-	-	-	-	-	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.34	0.34	0.3	0.3	0.3	0.3
	New Container Yard Construction - Electrical	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.09	0.09	0.1	0.1	0.1	0.1
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-																		
	Drive 24-In Octagonal Piles - Water	-	-																		
	Drive Piles - Misc Activities	-	-																		
	Reinforced Concrete Wharf	-	-																		
	CY Development																				
	New Container Yard Construction - Paving	0	0																		

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities															-	-				
	Wharf Demolition Landside			0	0	0	0	0	0	0	0	0	0	0		-	-				
	Wharf Demolition Marine			1	1	1	1	1	1	1	1	1	1	1		-	-				
	Sheet Pile Bulkhead Demolition			0	0	0	0	0	0	0	0	0	0	0		-	-				
	Construct New Bulkhead															-	-				
	Retaining Bulkhead Construction														0	0.19	0.19	0	0	0	
	Excavation Fronting E26 and Dispose Slip 1															-	-				
	Clamshell Dredging																				
	Construct New Armor Slope															-	-				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction															-	-				
	Drive 24-In Octagonal Piles - Land															-	-				
	Drive 24-In Octagonal Piles - Water															-	-				
	Drive Piles - Misc Activities															-	-				
	Reinforced Concrete Wharf															-	-				
	Construct E27 Bulkhead															-	-				
	Retaining Bulkhead Construction															-	-				0
	CY Development															-	-				
	Vibratory Hammer & Power Pack															-	-				
	Flatbed Truck															-	-				
	Welding Machine															-	-				
	Hydraulic Dredge to -55ft															-	-				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition															-	-				
	Wharf Demolition Landside							0	0	0	0	0	0	0	0	0.37	-				
	Railyard															-	-				
	Intermodal Yard Construction															-	0.55	1	1	1	1
	Container Yard Development (F1 - F4)															-	-				
	New Container Yard Utilities															-	-				
	New Container Yard Construction - Paving															-	-				
	New Container Yard Construction - Electrical															-	-				
	Demo Existing F1-4, F6 Wharf															-	-				
	Wharf Demolition Landside							0	0	0	0	0	0	0	0	0.37	0.37	0	0		
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	8	8	8	8	8	8	8	8	8	8	8	8	8	20	20	14	14	14	20	20
	Hourly Total	8	8	10	10	10	10	11	11	11	11	11	11	11	22	22	16	16	16	22	22

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Bulkhead																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Drive Piles - Misc Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reinforced Concrete Wharf	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility Construction																				
	New Container Yard Utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paving																				
	New Container Yard Construction - Paving	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Excavate Material Fronting Pier D																				
	Land Ex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2nd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3rd Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4th Surcharge and Wick Drains																				
	Wick Drains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remove Surcharge																				
	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Container Yard Development																				
	New Container Yard Utilities	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Paving	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Container Yard Construction - Electrical	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Utility Relocation Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Grading Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Retaining Wall Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Triple Track Trackwork Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-1	Triple Track Miscellaneous Eq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																	0	0	0	0
	Drive 24-In Octagonal Piles - Water																	0	0	0	0
	Drive Piles - Misc Activities																	0	0	0	0
	Reinforced Concrete Wharf																	1	1	1	1
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction	0	0																		
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																	1	1	1	1
	New Container Yard Construction - Paving																	0	0	0	0
	New Container Yard Construction - Electrical																	0	0	0	0
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Hourly Total	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	23	23	23	23

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0								
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0								
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0								
	Reinforced Concrete Wharf	1	1	1	1	1	1	1	1	1	1	1	1								
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack													1	1	1	1	1	1	1	1
	Flatbed Truck													0	0	0	0	0	0	0	0
	Welding Machine													0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities	1	1	1	1	1															
	New Container Yard Construction - Paving	0	0	0	0	0															
	New Container Yard Construction - Electrical	0	0	0	0	0															
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Hourly Total	23	23	23	23	23	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack	1	1	1	1	1	1														
	Flatbed Truck	0	0	0	0	0	0														
	Welding Machine	0	0	0	0	0	0														
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																	1	1	1	1
	New Container Yard Construction - Paving																	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical																	0	0	0	0
Ph 1-5	Construction																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	32	32	32
	Hourly Total	22	22	22	22	22	22	21	20	20	20	20	20	20	20	20	20	21	35	35	35

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E24																				
	Clamshell Dredging																				
	Land Ex																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Prepare for Toe Dike / Construct Dike (1st Lift)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Fill within Dike																				
	Clamshell Dredging																				
	Remaining Dike Lifts																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Remaining Fill Lifts																				
	Clamshell Dredging																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Retaining Bulkhead Construction																				
	Construct South Mooring Dolphin																				
	Drive 24-In Octagonal Piles - Water																				
	Wick Drains																				
	Wick Drains																				
	Surcharge (Initial Pump, Plus Clamshell or Truck)																				
	Roll Surcharge																				
	Remove Surcharge to Slip 1 Fill Site																				
	Roll Surcharge																				
	Utility Construction																				
	New Container Yard Utilities																				
	Paving																				
	New Container Yard Construction - Paving																				
	Lighting, Fence, Striping, Crane Power																				
	New Container Yard Construction - Electrical																				
	Construct Retaining Structure at Pier D Oil Area																				
	Retaining Bulkhead Construction																				
	Excavate & Truck Material in Cell Bulkhead																				
	Land Ex																				
	Excavate Material Fronting Pier D																				
	Land Ex																				
	Clamshell Dredging																				
	Remove Cellular Sheetpile																				
	Sheet Pile Bulkhead Demolition																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Hydraulic or Clamshell Dredge to -55 ft																				
	Clamshell Dredging																				
	Ground Improvments Pier D																				
	Stone Column Installation Eq																				
	Marine Rock Delivery Eq																				
	Demo - E12-13 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Lift #1 (~ -30)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #2 (~ -15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #3 (~ 0)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Lift #4 (~ +15)																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Initial Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	2nd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	3rd Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	4th Surcharge and Wick Drains																				
	Wick Drains																				
	Roll Surcharge																				
	Remove Surcharge																				
	Roll Surcharge																				
	Container Yard Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	POLB Ocean Blvd Track Reconfiguration																				
	Triple Track Installation Demo Eq																				
	Triple Track Utility Relocation Eq																				
	Triple Track Grading Eq																				
	Triple Track Retaining Wall Eq																				
	Triple Track Trackwork Eq																				
Ph 1-1	Triple Track Miscellaneous Eq																				
Ph 1-2	Demolish Existing Facilities																				
	Sheet Pile Bulkhead Demolition																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct New Bulkhead (Install Transition Bulkhead)																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E25 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	CY Development																				
	New Container Yard Construction - Paving																				

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																				
Ph 1-2	Clamshell Dredging																				
Ph 1-3	Demolish Existing Facilities																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Sheet Pile Bulkhead Demolition																				
	Construct New Bulkhead																				
	Retaining Bulkhead Construction																				
	Excavation Fronting E26 and Dispose Slip 1																				
	Clamshell Dredging																				
	Construct New Armor Slope																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Wharf Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Construct E27 Bulkhead																				
	Retaining Bulkhead Construction																				
	CY Development																				
	Vibratory Hammer & Power Pack																				
	Flatbed Truck																				
	Welding Machine																				
	Hydraulic Dredge to -55ft																				
Ph 1-3	Clamshell Dredging																				
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction																				
	New Container Yard Utilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition																				
	Wharf Demolition Landside																				
	Railyard																				
	Intermodal Yard Construction																				
	Container Yard Development (F1 - F4)																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
	New Container Yard Construction - Electrical																				
	Demo Existing F1-4, F6 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				
	Construct East Basin Retaining Dike																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Roll Surcharge																				
Ph 2-1	Roll Surcharge																				
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside															0	0	0	0	0	0
	Wharf Demolition Marine															1	1	1	1	1	1

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
All	Fugitive Dust from Ground Disturbance	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Hourly Total	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities								
	Wharf Demolition Landside								
	Wharf Demolition Marine								
	Sheet Pile Bulkhead Demolition								
	Construct New Bulkhead								
	Retaining Bulkhead Construction								
	Excavation Fronting E24								
	Clamshell Dredging								
	Land Ex								
	Construct New Armor Slope								
	Rock Placement, Push Off & Tub & Orange Peels								
	Wharf Construction								
	Drive 24-In Octagonal Piles - Land								
	Drive 24-In Octagonal Piles - Water								
	Drive Piles - Misc Activities								
	Reinforced Concrete Wharf								
	Retaining Bulkhead Construction								
	Utility Construction								
	New Container Yard Utilities								
	Paving								
	New Container Yard Construction - Paving								
	Lighting, Striping, Crane Power								
	New Container Yard Construction - Electrical								
	Prepare for Toe Dike / Construct Dike (1st Lift)								
	Rock Placement, Push Off & Tub & Orange Peels								
	Fill within Dike								
	Clamshell Dredging								
	Remaining Dike Lifts								
	Rock Placement, Push Off & Tub & Orange Peels								
	Remaining Fill Lifts								
	Clamshell Dredging								
	Wharf Construction								
	Drive 24-In Octagonal Piles - Land								
	Drive 24-In Octagonal Piles - Water								
	Drive Piles - Misc Activities								
	Reinforced Concrete Wharf								
	Retaining Bulkhead Construction								
	Construct South Mooring Dolphin								
	Drive 24-In Octagonal Piles - Water								
	Wick Drains								
	Wick Drains								
	Surcharge (Initial Pump, Plus Clamshell or Truck)								
	Roll Surcharge								
	Remove Surcharge to Slip 1 Fill Site								
	Roll Surcharge								
	Utility Construction								
	New Container Yard Utilities								
	Paving								
	New Container Yard Construction - Paving								
	Lighting, Fence, Striping, Crane Power								
	New Container Yard Construction - Electrical								
	Construct Retaining Structure at Pier D Oil Area								
	Retaining Bulkhead Construction								
	Excavate & Truck Material in Cell Bulkhead								
	Land Ex								
	Excavate Material Fronting Pier D								
	Land Ex								
	Clamshell Dredging								
	Remove Cellular Sheetpile								
	Sheet Pile Bulkhead Demolition								

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment								
	Rock Placement, Push Off & Tub & Orange Peels								
	Hydraulic or Clamshell Dredge to -55 ft								
	Clamshell Dredging								
	Ground Improvments Pier D								
	Stone Column Installation Eq								
	Marine Rock Delivery Eq								
	Demo - E12-13 Wharf								
	Wharf Demolition Landside								
	Wharf Demolition Marine								
	Lift #1 (~ -30)								
	Rock Placement, Push Off & Tub & Orange Peels								
	Lift #2 (~ -15)								
	Rock Placement, Push Off & Tub & Orange Peels								
	Lift #3 (~ 0)								
	Rock Placement, Push Off & Tub & Orange Peels								
	Lift #4 (~ +15)								
	Rock Placement, Push Off & Tub & Orange Peels								
	Initial Surcharge and Wick Drains								
	Wick Drains								
	Roll Surcharge								
	2nd Surcharge and Wick Drains								
	Wick Drains								
	Roll Surcharge								
	3rd Surcharge and Wick Drains								
	Wick Drains								
	Roll Surcharge								
	4th Surcharge and Wick Drains								
	Wick Drains								
	Roll Surcharge								
	Remove Surcharge								
	Roll Surcharge								
	Container Yard Development								
	New Container Yard Utilities								
	New Container Yard Construction - Paving								
	New Container Yard Construction - Electrical								
	POLB Ocean Blvd Track Reconfiguration								
	Triple Track Installation Demo Eq								
	Triple Track Utility Relocation Eq								
	Triple Track Grading Eq								
	Triple Track Retaining Wall Eq								
	Triple Track Trackwork Eq								
Ph 1-1	Triple Track Miscellaneous Eq								
Ph 1-2	Demolish Existing Facilities								
	Sheet Pile Bulkhead Demolition								
	Wharf Demolition Landside								
	Wharf Demolition Marine								
	Construct New Bulkhead (Install Transition Bulkhead)								
	Retaining Bulkhead Construction								
	Excavation Fronting E25 and Dispose Slip 1								
	Clamshell Dredging								
	Construct New Armor Slope								
	Rock Placement, Push Off & Tub & Orange Peels								
	Wharf Construction								
	Drive 24-In Octagonal Piles - Land								
	Drive 24-In Octagonal Piles - Water								
	Drive Piles - Misc Activities								
	Reinforced Concrete Wharf								
	CY Development								
	New Container Yard Construction - Paving								

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft								
Ph 1-2	Clamshell Dredging								
Ph 1-3	Demolish Existing Facilities								
	Wharf Demolition Landside								
	Wharf Demolition Marine								
	Sheet Pile Bulkhead Demolition								
	Construct New Bulkhead								
	Retaining Bulkhead Construction								
	Excavation Fronting E26 and Dispose Slip 1								
	Clamshell Dredging								
	Construct New Armor Slope								
	Rock Placement, Push Off & Tub & Orange Peels								
	Wharf Construction								
	Drive 24-In Octagonal Piles - Land								
	Drive 24-In Octagonal Piles - Water								
	Drive Piles - Misc Activities								
	Reinforced Concrete Wharf								
	Construct E27 Bulkhead								
	Retaining Bulkhead Construction								
	CY Development								
	Vibratory Hammer & Power Pack								
	Flatbed Truck								
	Welding Machine								
	Hydraulic Dredge to -55ft								
Ph 1-3	Clamshell Dredging								
Ph 1-4	Seaside Railyard Area Redevelopment								
	New Container Yard Utilities	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0
Ph 1-5	Construction								
	New Container Yard Utilities	1	1	1	1	1	1	1	1
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0
Ph 2-1	Demolition								
	Wharf Demolition Landside								
	Railyard								
	Intermodal Yard Construction								
	Container Yard Development (F1 - F4)								
	New Container Yard Utilities								
	New Container Yard Construction - Paving								
	New Container Yard Construction - Electrical								
	Demo Existing F1-4, F6 Wharf								
	Wharf Demolition Landside								
	Wharf Demolition Marine								
	Construct East Basin Retaining Dike								
	Rock Placement, Push Off & Tub & Orange Peels								
	Slip/Basin Fill & Surcharge East								
	Cutter Suction Dredging- Spill Barge (No Booster)								
	Cutter Suction Dredging- Land Disposal (No Booster)								
	Wick Drains								
	Roll Surcharge								
Ph 2-1	Roll Surcharge								
Ph 2-2	Construction - New Terminal Buildings								
	Building Construction								
	Dredge and Excavate at Quay Wall								
	Clamshell Dredging								
	Demo Existing F8-10 Wharf								
	Wharf Demolition Landside	0	0	0	0	0	0		
	Wharf Demolition Marine	1	1	1	1	1	1		

Table A.2.2 Alt2-10. Definition of Peak Hourly PM2.5 Emissions - POLB
MHTP - Alternative 2

		2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill								
	Land Ex							0	0
	Rock Placement, Push Off & Tub & Orange Peels								
	Retaining Bulkhead Construction							0	0
	Drive 24-In Octagonal Piles - Land							0	0
	Drive 24-In Octagonal Piles - Water							0	0
	Drive Piles - Misc Activities							0	0
	Reinforced Concrete Wharf							0	0
	Basin Fill and Surcharge West								
	Cutter Suction Dredging- Spill Barge (No Booster)								
	Cutter Suction Dredging- Land Disposal (No Booster)								
	Wick Drains								
	Settlement Period								
Ph 2-2	Roll Surcharge								
Ph 2-3	Remove Surcharge								
	Roll Surcharge								
	CY Development								
	New Container Yard Utilities								
	New Container Yard Construction - Paving								
Ph 2-3	New Container Yard Construction - Electrical								
All	Fugitive Dust from Ground Disturbance	32	32	32	32	32	32	19	19
	Hourly Total	35	35	35	35	35	35	23	23

Alternative 3 (NEPA Baseline) Modeling Construction Emissions Tables

Table A.2.2 - Alt3-1. Construction Volume NOx/CO Emission Simulations - POLB - MHTP - Alternative 3
Table A.2.2 - Alt3-2. Hourly NOx/CO Emissions - POLB - MHTP - Mitigated Alternative 3.
Table A.2.2 - Alt3-3. Definition of Peak Daily NOx Emissions - POLB MHTP - Alternative 3.
Table A.2.2 - Alt3-4. Definition of Peak Hourly NOx Emissions - POLB MHTP - Alternative 3.
Table A.2.2 - Alt3-5. Definition of Peak Hourly CO Emissions - POLB MHTP - Alternative 3.
Table A.2.2 - Alt3-6. Definition of Peak Daily PM10 Emissions - POLB MHTP - Alternative 3.
Table A.2.2 - Alt3-7. Definition of Peak Hourly PM10 Emissions - POLB MHTP - Alternative 3.
Table A.2.2 - Alt3-8. Definition of Peak Hourly PM2.5 Emissions - POLB MHTP - Alternative 3.

Table A.2.2-Alt 3-1. Construction Volume Source NOx/CO Emission Simulations - POLB - MHTP - Alternative 3/NEPA Baseline.

Activity/Source ID	Source #	Width (meters)	Area (m2)	# of Sources	Fraction of Total Source Area	Pounds per Hour	
						NO2	CO
CY Development							
	S8		-	1			
	S9		-	1			
	S10		-	1			
	S11		-	1			
	S14		-	1			
	S15		-	1			
	S16		-	1			
Subtotals			-	7	-	-	-
New Container Yard Construction							
	S5		-	1			
	S6		-	1			
Subtotals			-	2	-	-	-

Table A.2.2-Alt 3-2. Hourly NOx/CO Emissions - POLB - MHTP - Mitigated Alternative 3/NEPA Baseline Construction Activities.

Construction Project/Activity	Pounds per Hour	
	NOx	CO
CY Development		
Vibratory Hammer & Power Pack	14.6	4.1
Flatbed Truck	5.5	1.6
Welding Machine	1.6	0.5
Subtotal	21.7	6.2
New Container Yard Construction		
New Container Yard Utilities	14.6	4.1
New Container Yard Construction - Paving	5.5	1.6
New Container Yard Construction - Electrical	1.6	0.5
Subtotal	21.7	6.2
Total Hourly NOx Emissions - Pounds	43.4	12.3

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Au
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	CY Development																			
	New Container Yard Construction - Paving																			

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Daily Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	117	117	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	44	44	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	13	13	13	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	117	117	117	117	117	117	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities										0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition										0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside										0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine										0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)										0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction										0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1										0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging										0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope										0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels										0	0	0	0	0	0	0	0	0	0
	Wharf Construction										0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land										0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water										0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities										0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf										0	0	0	0	0	0	0	0	0	0
	CY Development										0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving										0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft										0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging										0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		g	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Daily Total	0	0	117	117	117	44	44	13	13	13	117	117	117	117	117	161	44	44	44

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	13	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Jun		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-4	New Container Yard Construction - Electrical																							
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings																							
	Building Construction																							
	Dredge and Excavate at Quay Wall																							
	Clamshell Dredging																							
	Demo Existing F8-10 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		Ma
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Construct Wharf, Armor, Fill																							
	Land Ex																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Basin Fill and Surcharge West																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Settlement Period																							
Ph 2-2	Roll Surcharge																							
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
	Daily Total	57	57	13	13	13	13	0	18	0	6	0	6	6	6	6	6	6	6	6	6	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
	New Container Yard Construction - Electrical	0	0	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine																0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition																0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead																0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction																0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1																0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging																0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope																0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																0	0	0	0	0	0	0	0	0	0
	Wharf Construction																0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land																0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water																0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities																0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf																0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead																0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction																0	0	0	0	0	0	0	0	0	0
	CY Development																0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack																0	0	0	0	0	0	0	0	0	0
	Flatbed Truck																0	0	0	0	0	0	0	0	0	0
	Welding Machine																0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft																0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging																0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-5	New Container Yard Construction - Electrical																									
Ph 2-1	Demolition																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Railyard																0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction																0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)																0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities																0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving																0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical																0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine																0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike																0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East																0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)																0	0	0	0	0	0	0	0	0	0
	Wick Drains																0	0	0	0	0	0	0	0	0	0
	Roll Surcharge																0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge																0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																									
	Building Construction																									
	Dredge and Excavate at Quay Wall																									
	Clamshell Dredging																									
	Demo Existing F8-10 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
		ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																									
	Land Ex																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Retaining Bulkhead Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Basin Fill and Surcharge West																									
	Cutter Suction Dredging- Spill Barge (No Booster)																									
	Cutter Suction Dredging- Land Disposal (No Booster)																									
	Wick Drains																									
	Settlement Period																									
Ph 2-2	Roll Surcharge																									
Ph 2-3	Remove Surcharge																									
	Roll Surcharge																									
	CY Development																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 2-3	New Container Yard Construction - Electrical																									
	Daily Total	0	0	0	0	0	173	173	173	173	173	217	217	217	217	217	217	217	217	217	217	217	173	173	173	173

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014
		Jun		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014
		Jun		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014
		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	77	77	77	77	77	77	77	77	77	77	77
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside															0	0	0	0	0	0
	Wharf Demolition Marine															0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014	2014	2014	2014
		Jun		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
	Daily Total	0	0	0	0	0	0	0	0	0	77	77	77	77	77	77	77	77	77	77	77

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	77	77	77	77	77	77	77	77	77	77	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	13
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
		Apr		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Daily Total	77	77	77	77	77	77	77	77	77	77	173	173	173	173	173	173	173	173

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E24																								
	Clamshell Dredging																								
	Land Ex																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Prepare for Toe Dike / Construct Dike (1st Lift)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Fill within Dike																								
	Clamshell Dredging																								
	Remaining Dike Lifts																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Remaining Fill Lifts																								
	Clamshell Dredging																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Construct South Mooring Dolphin																								
	Drive 24-In Octagonal Piles - Water																								
	Wick Drains																								
	Wick Drains																								
	Surcharge (Initial Pump, Plus Clamshell or Truck)																								
	Roll Surcharge																								
	Remove Surcharge to Slip 1 Fill Site																								
	Roll Surcharge																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Fence, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Construct Retaining Structure at Pier D Oil Area																								
	Retaining Bulkhead Construction																								
	Excavate & Truck Material in Cell Bulkhead																								
	Land Ex																								
	Excavate Material Fronting Pier D																								
	Land Ex																								
	Clamshell Dredging																								
	Remove Cellular Sheetpile																								
	Sheet Pile Bulkhead Demolition																								

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Hydraulic or Clamshell Dredge to -55 ft																								
	Clamshell Dredging																								
	Ground Improvments Pier D																								
	Stone Column Installation Eq																								
	Marine Rock Delivery Eq																								
	Demo - E12-13 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Lift #1 (~ -30)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #2 (~ -15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #3 (~ 0)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #4 (~ +15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Initial Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	2nd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	3rd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	4th Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	Remove Surcharge																								
	Roll Surcharge																								
	Container Yard Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	POLB Ocean Blvd Track Reconfiguration																								
	Triple Track Installation Demo Eq																								
	Triple Track Utility Relocation Eq																								
	Triple Track Grading Eq																								
	Triple Track Retaining Wall Eq																								
	Triple Track Trackwork Eq																								
Ph 1-1	Triple Track Miscellaneous Eq																								
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	CY Development																								
	New Container Yard Construction - Paving																								

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117	117	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0
	Welding Machine	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13	13	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	13
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
	Daily Total	173	0	0	0	0	0	0	0	173	173	173	173	173	173	173	173	347	347	347	347	347	347	173	173

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		De
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge															0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
		Jan		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
	Daily Total	173	173	173	173	173	173	173	173	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	0	0	0	0
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	0	0	0	0
Ph 2-1	Demolition	0																				
	Wharf Demolition Landside	0																				
	Railyard	0																				
	Intermodal Yard Construction	0																				
	Container Yard Development (F1 - F4)	0																				
	New Container Yard Utilities	0																				
	New Container Yard Construction - Paving	0																				
	New Container Yard Construction - Electrical	0																				
	Demo Existing F1-4, F6 Wharf	0																				
	Wharf Demolition Landside	0																				
	Wharf Demolition Marine	0																				
	Construct East Basin Retaining Dike	0																				
	Rock Placement, Push Off & Tub & Orange Peels	0																				
	Slip/Basin Fill & Surcharge East	0																				
	Cutter Suction Dredging- Spill Barge (No Booster)	0																				
	Cutter Suction Dredging- Land Disposal (No Booster)	0																				
	Wick Drains	0																				
	Roll Surcharge	0																				
Ph 2-1	Roll Surcharge	0																				
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Daily Total	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	173	173	173	173

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	117	117	117	117	117	117	117	117	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	13	13	13	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0														
	New Container Yard Utilities	0	0	0	0														
	New Container Yard Construction - Paving	0	0	0	0														
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0														
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving					0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daily Total	173	173	173	173	173	173	173	173	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Aug		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Ju
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Ju
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0													
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0													
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0													
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		Aug		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daily Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		ll	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Sheet Pile Bulkhead Demolition											
	Construct New Bulkhead											
	Retaining Bulkhead Construction											
	Excavation Fronting E24											
	Clamshell Dredging											
	Land Ex											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Retaining Bulkhead Construction											
	Utility Construction											
	New Container Yard Utilities											
	Paving											
	New Container Yard Construction - Paving											
	Lighting, Striping, Crane Power											
	New Container Yard Construction - Electrical											
	Prepare for Toe Dike / Construct Dike (1st Lift)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Fill within Dike											
	Clamshell Dredging											
	Remaining Dike Lifts											
	Rock Placement, Push Off & Tub & Orange Peels											
	Remaining Fill Lifts											
	Clamshell Dredging											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Retaining Bulkhead Construction											
	Construct South Mooring Dolphin											
	Drive 24-In Octagonal Piles - Water											
	Wick Drains											
	Wick Drains											
	Surcharge (Initial Pump, Plus Clamshell or Truck)											
	Roll Surcharge											
	Remove Surcharge to Slip 1 Fill Site											
	Roll Surcharge											
	Utility Construction											
	New Container Yard Utilities											
	Paving											
	New Container Yard Construction - Paving											
	Lighting, Fence, Striping, Crane Power											
	New Container Yard Construction - Electrical											
	Construct Retaining Structure at Pier D Oil Area											
	Retaining Bulkhead Construction											
	Excavate & Truck Material in Cell Bulkhead											
	Land Ex											
	Excavate Material Fronting Pier D											
	Land Ex											
	Clamshell Dredging											
	Remove Cellular Sheetpile											
	Sheet Pile Bulkhead Demolition											

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		ll	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment											
	Rock Placement, Push Off & Tub & Orange Peels											
	Hydraulic or Clamshell Dredge to -55 ft											
	Clamshell Dredging											
	Ground Improvments Pier D											
	Stone Column Installation Eq											
	Marine Rock Delivery Eq											
	Demo - E12-13 Wharf											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Lift #1 (~ -30)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #2 (~ -15)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #3 (~ 0)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #4 (~ +15)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Initial Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	2nd Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	3rd Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	4th Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	Remove Surcharge											
	Roll Surcharge											
	Container Yard Development											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
	New Container Yard Construction - Electrical											
	POLB Ocean Blvd Track Reconfiguration											
	Triple Track Installation Demo Eq											
	Triple Track Utility Relocation Eq											
	Triple Track Grading Eq											
	Triple Track Retaining Wall Eq											
	Triple Track Trackwork Eq											
Ph 1-1	Triple Track Miscellaneous Eq											
Ph 1-2	Demolish Existing Facilities											
	Sheet Pile Bulkhead Demolition											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Construct New Bulkhead (Install Transition Bulkhead)											
	Retaining Bulkhead Construction											
	Excavation Fronting E25 and Dispose Slip 1											
	Clamshell Dredging											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	CY Development											
	New Container Yard Construction - Paving											

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		ll	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft											
Ph 1-2	Clamshell Dredging											
Ph 1-3	Demolish Existing Facilities											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Sheet Pile Bulkhead Demolition											
	Construct New Bulkhead											
	Retaining Bulkhead Construction											
	Excavation Fronting E26 and Dispose Slip 1											
	Clamshell Dredging											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Construct E27 Bulkhead											
	Retaining Bulkhead Construction											
	CY Development											
	Vibratory Hammer & Power Pack											
	Flatbed Truck											
	Welding Machine											
	Hydraulic Dredge to -55ft											
Ph 1-3	Clamshell Dredging											
Ph 1-4	Seaside Railyard Area Redevelopment											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
Ph 1-4	New Container Yard Construction - Electrical											
Ph 1-5	Construction											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
Ph 1-5	New Container Yard Construction - Electrical											
Ph 2-1	Demolition											
	Wharf Demolition Landside											
	Railyard											
	Intermodal Yard Construction											
	Container Yard Development (F1 - F4)											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
	New Container Yard Construction - Electrical											
	Demo Existing F1-4, F6 Wharf											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Construct East Basin Retaining Dike											
	Rock Placement, Push Off & Tub & Orange Peels											
	Slip/Basin Fill & Surcharge East											
	Cutter Suction Dredging- Spill Barge (No Booster)											
	Cutter Suction Dredging- Land Disposal (No Booster)											
	Wick Drains											
	Roll Surcharge											
Ph 2-1	Roll Surcharge											
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-3 Definition of Peak Daily NO_X Emissions - POLB - MHTP - Alternative 3

		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
		ll	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0
	Daily Total	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0								0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0						0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0						0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0						0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0							
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0											
	Lift #2 (~ -15)	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0											
	Lift #3 (~ 0)	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0											
	Lift #4 (~ +15)	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0											
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development																		
	New Container Yard Construction - Paving																		
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total	43																	
	Peak Daily Modeled Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging						0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0															0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0									0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			0
	Lift #2 (~ -15)																			0
	Rock Placement, Push Off & Tub & Orange Peels																			0
	Lift #3 (~ 0)																			0
	Rock Placement, Push Off & Tub & Orange Peels																			0
	Lift #4 (~ +15)																			0
	Rock Placement, Push Off & Tub & Orange Peels																			0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities											0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition											0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside											0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine											0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)											0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction											0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1											0	0	0	0	0	0	0	0	0
	Clamshell Dredging											0	0	0	0	0	0	0	0	0
	Construct New Armor Slope											0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0
	Wharf Construction											0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land											0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water											0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities											0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf											0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development											0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving											0	0	0	0	0	0	0	0	0
	Dredge to -55 ft											0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging											0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	0	0	0	15	15	15	5	5	2	2	2	15	15	15	15	15	20	5	5
	Peak Hourly Total																			
	Peak Daily Modeled Activities	-	-	-	117	117	117	44	44	13	13	13	117	117	117	117	117	161	44	44

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0						0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	ay	Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	5	7	7	2	2	2	2	0	2	0	1	0	1	1	1	1	1	1	1
	Peak Hourly Total																			
	Peak Daily Modeled Activities	44	57	57	13	13	13	13	-	18	-	6	-	6	6	6	6	6	6	6

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	1	1	0	0	0	0	0	0	0	0	22	22	22	22	22	27	27	27	27
	Peak Hourly Total																			
	Peak Daily Modeled Activities	6	6	-	-	-	-	-	-	-	-	173	173	173	173	173	217	217	217	217

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	ec	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	ec	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging		0	0	0															
	Construct New Armor Slope		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	27	27	27	27	27	27	27	22	22	22	22	0	0	0	0	0	0	0	0
	Peak Hourly Total																			
	Peak Daily Modeled Activities	217	217	217	217	217	217	217	173	173	173	173	-	-	-	-	-	-	-	-

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0													
	Wharf Demolition Landside	0	0	0	0	0	0													
	Wharf Demolition Marine	0	0	0	0	0	0													
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
	Construct New Bulkhead	0	0	0	0	0	0													
	Retaining Bulkhead Construction	0	0	0	0	0	0													
	Excavation Fronting E24	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Land Ex	0	0	0	0	0	0													
	Construct New Armor Slope	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Wharf Construction	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
	Drive Piles - Misc Activities	0	0	0	0	0	0													
	Reinforced Concrete Wharf	0	0	0	0	0	0													
	Retaining Bulkhead Construction	0	0	0	0	0	0													
	Utility Construction	0	0	0	0	0	0													
	New Container Yard Utilities	0	0	0	0	0	0													
	Paving	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0													
	Lighting, Striping, Crane Power	0	0	0	0	0	0													
	New Container Yard Construction - Electrical	0	0	0	0	0	0													
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Fill within Dike	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Remaining Dike Lifts	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Remaining Fill Lifts	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Wharf Construction	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
	Drive Piles - Misc Activities	0	0	0	0	0	0													
	Reinforced Concrete Wharf	0	0	0	0	0	0													
	Retaining Bulkhead Construction	0	0	0	0	0	0													
	Construct South Mooring Dolphin	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	Utility Construction	0	0	0	0	0	0													
	New Container Yard Utilities	0	0	0	0	0	0													
	Paving	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0													
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0													
	New Container Yard Construction - Electrical	0	0	0	0	0	0													
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0													
	Retaining Bulkhead Construction	0	0	0	0	0	0													
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0													
	Land Ex	0	0	0	0	0	0													
	Excavate Material Fronting Pier D	0	0	0	0	0	0													
	Land Ex	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Remove Cellular Sheetpile	0	0	0	0	0	0													

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
	Rock Revetment	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Ground Improvments Pier D	0	0	0	0	0	0													
	Stone Column Installation Eq	0	0	0	0	0	0													
	Marine Rock Delivery Eq	0	0	0	0	0	0													
	Demo - E12-13 Wharf	0	0	0	0	0	0													
	Wharf Demolition Landside	0	0	0	0	0	0													
	Wharf Demolition Marine	0	0	0	0	0	0													
	Lift #1 (~ -30)	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Lift #2 (~ -15)	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Lift #3 (~ 0)	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Lift #4 (~ +15)	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Initial Surcharge and Wick Drains	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	2nd Surcharge and Wick Drains	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	3rd Surcharge and Wick Drains	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	4th Surcharge and Wick Drains	0	0	0	0	0	0													
	Wick Drains	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	Remove Surcharge	0	0	0	0	0	0													
	Roll Surcharge	0	0	0	0	0	0													
	Container Yard Development	0	0	0	0	0	0													
	New Container Yard Utilities	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0													
	New Container Yard Construction - Electrical	0	0	0	0	0	0													
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0													
	Triple Track Installation Demo Eq	0	0	0	0	0	0													
	Triple Track Utility Relocation Eq	0	0	0	0	0	0													
	Triple Track Grading Eq	0	0	0	0	0	0													
	Triple Track Retaining Wall Eq	0	0	0	0	0	0													
	Triple Track Trackwork Eq	0	0	0	0	0	0													
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0													
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0													
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0													
	Wharf Demolition Landside	0	0	0	0	0	0													
	Wharf Demolition Marine	0	0	0	0	0	0													
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0													
	Retaining Bulkhead Construction	0	0	0	0	0	0													
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0													
	Clamshell Dredging	0	0	0	0	0	0													
	Construct New Armor Slope	0	0	0	0	0	0													
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0													
	Wharf Construction	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0													
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0													
	Drive Piles - Misc Activities	0	0	0	0	0	0													
	Reinforced Concrete Wharf	0	0	0	0	0	0													

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0													
	Dredge to -55 ft	0	0	0	0	0	0													
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0													
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging																			
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Peak Hourly Total																			
	Peak Daily Modeled Activities	-	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging																			
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction												0	0	0	0	0	0	0	0
	New Container Yard Utilities												0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving												0	0	0	0	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical												0	0	0	0	0	0	0	0
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*ul*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	10	10	10	22	22	22	22	22	22	22	22	22	0	0	0	0	0	0	0
	Peak Hourly Total																			
	Peak Daily Modeled Activities	77	77	77	173	173	173	173	173	173	173	173	173	-	-	-	-	-	-	-

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Clamshell Dredging																			
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Vibratory Hammer & Power Pack	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0			
	Flatbed Truck	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0			
	Welding Machine	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0			
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																	0	0	0
	New Container Yard Utilities																	0	0	0
	New Container Yard Construction - Paving																	0	0	0
Ph 1-4	New Container Yard Construction - Electrical																	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Ph 2-2	Construction - New Terminal Buildings																	0	0	0
	Building Construction																	0	0	0
	Dredge and Excavate at Quay Wall																	0	0	0
	Clamshell Dredging																	0	0	0
	Demo Existing F8-10 Wharf																	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2014	2014	2014
	Water Construction - Not part of modeling analysis	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Fe*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside																	0	0	0
	Wharf Demolition Marine																	0	0	0
	Construct Wharf, Armor, Fill																	0	0	0
	Land Ex																	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																	0	0	0
	Drive 24-In Octagonal Piles - Land																	0	0	0
	Drive 24-In Octagonal Piles - Water																	0	0	0
	Drive Piles - Misc Activities																	0	0	0
	Reinforced Concrete Wharf																	0	0	0
	Basin Fill and Surcharge West																	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																	0	0	0
	Settlement Period																	0	0	0
Ph 2-2	Roll Surcharge																	0	0	0
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	22	22	22	22	22	22	22	22	43	43	43	43	43	43	22	22	22	22	22
	Peak Hourly Total																			
	Peak Daily Modeled Activities	173	173	173	173	173	173	173	173	347	347	347	347	347	347	173	173	173	173	173

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-5	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	b	Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	22	22	22	22	22	43	43	43	43	43	43	43	43	43	43	43	43	43	43
	Peak Hourly Total																			
	Peak Daily Modeled Activities	173	173	173	173	173	347	347	347	347	347	347	347	347	347	347	347	347	347	347

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ph 1-4	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0
Ph 1-5	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
Ph 2-1	Demolition	0	0																	
	Wharf Demolition Landside	0	0																	
	Railyard	0	0																	
	Intermodal Yard Construction	0	0																	
	Container Yard Development (F1 - F4)	0	0																	
	New Container Yard Utilities	0	0																	
	New Container Yard Construction - Paving	0	0																	
	New Container Yard Construction - Electrical	0	0																	
	Demo Existing F1-4, F6 Wharf	0	0																	
	Wharf Demolition Landside	0	0																	
	Wharf Demolition Marine	0	0																	
	Construct East Basin Retaining Dike	0	0																	
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0																	
	Roll Surcharge	0	0																	
Ph 2-1	Roll Surcharge	0	0																	
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging							0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Se*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	22
	Peak Hourly Total																			
	Peak Daily Modeled Activities	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	347	173

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0												
	New Container Yard Utilities	0	0	0	0	0	0	0												
	New Container Yard Construction - Paving	0	0	0	0	0	0	0												
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0												
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*p*	*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge								0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge								0	0	0	0	0	0	0	0	0	0	0	0
	CY Development								0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities								0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving								0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical								0	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	22	22	22	22	22	22	22	22	22	22	22	0	0	0	0	0	0	0	0
	Peak Hourly Total																			
	Peak Daily Modeled Activities	173	173	173	173	173	173	173	173	173	173	173	-	-	-	-	-	-	-	-

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E24																			
	Clamshell Dredging																			
	Land Ex																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Prepare for Toe Dike / Construct Dike (1st Lift)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Fill within Dike																			
	Clamshell Dredging																			
	Remaining Dike Lifts																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Remaining Fill Lifts																			
	Clamshell Dredging																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Retaining Bulkhead Construction																			
	Construct South Mooring Dolphin																			
	Drive 24-In Octagonal Piles - Water																			
	Wick Drains																			
	Wick Drains																			
	Surcharge (Initial Pump, Plus Clamshell or Truck)																			
	Roll Surcharge																			
	Remove Surcharge to Slip 1 Fill Site																			
	Roll Surcharge																			
	Utility Construction																			
	New Container Yard Utilities																			
	Paving																			
	New Container Yard Construction - Paving																			
	Lighting, Fence, Striping, Crane Power																			
	New Container Yard Construction - Electrical																			
	Construct Retaining Structure at Pier D Oil Area																			
	Retaining Bulkhead Construction																			
	Excavate & Truck Material in Cell Bulkhead																			
	Land Ex																			
	Excavate Material Fronting Pier D																			
	Land Ex																			
	Clamshell Dredging																			
	Remove Cellular Sheetpile																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Sheet Pile Bulkhead Demolition																			
	Rock Revetment																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Hydraulic or Clamshell Dredge to -55 ft																			
	Clamshell Dredging																			
	Ground Improvments Pier D																			
	Stone Column Installation Eq																			
	Marine Rock Delivery Eq																			
	Demo - E12-13 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Lift #1 (~ -30)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	2nd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	3rd Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	4th Surcharge and Wick Drains																			
	Wick Drains																			
	Roll Surcharge																			
	Remove Surcharge																			
	Roll Surcharge																			
	Container Yard Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	POLB Ocean Blvd Track Reconfiguration																			
	Triple Track Installation Demo Eq																			
	Triple Track Utility Relocation Eq																			
	Triple Track Grading Eq																			
	Triple Track Retaining Wall Eq																			
	Triple Track Trackwork Eq																			
Ph 1-1	Triple Track Miscellaneous Eq																			
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	CY Development																			
	New Container Yard Construction - Paving																			
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0							
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0							
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0							
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0							
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Ap*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total																			
	Peak Daily Modeled Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities															
	Wharf Demolition Landside															
	Wharf Demolition Marine															
	Sheet Pile Bulkhead Demolition															
	Construct New Bulkhead															
	Retaining Bulkhead Construction															
	Excavation Fronting E24															
	Clamshell Dredging															
	Land Ex															
	Construct New Armor Slope															
	Rock Placement, Push Off & Tub & Orange Peels															
	Wharf Construction															
	Drive 24-In Octagonal Piles - Land															
	Drive 24-In Octagonal Piles - Water															
	Drive Piles - Misc Activities															
	Reinforced Concrete Wharf															
	Retaining Bulkhead Construction															
	Utility Construction															
	New Container Yard Utilities															
	Paving															
	New Container Yard Construction - Paving															
	Lighting, Striping, Crane Power															
	New Container Yard Construction - Electrical															
	Prepare for Toe Dike / Construct Dike (1st Lift)															
	Rock Placement, Push Off & Tub & Orange Peels															
	Fill within Dike															
	Clamshell Dredging															
	Remaining Dike Lifts															
	Rock Placement, Push Off & Tub & Orange Peels															
	Remaining Fill Lifts															
	Clamshell Dredging															
	Wharf Construction															
	Drive 24-In Octagonal Piles - Land															
	Drive 24-In Octagonal Piles - Water															
	Drive Piles - Misc Activities															
	Reinforced Concrete Wharf															
	Retaining Bulkhead Construction															
	Construct South Mooring Dolphin															
	Drive 24-In Octagonal Piles - Water															
	Wick Drains															
	Wick Drains															
	Surcharge (Initial Pump, Plus Clamshell or Truck)															
	Roll Surcharge															
	Remove Surcharge to Slip 1 Fill Site															
	Roll Surcharge															
	Utility Construction															
	New Container Yard Utilities															
	Paving															
	New Container Yard Construction - Paving															
	Lighting, Fence, Striping, Crane Power															
	New Container Yard Construction - Electrical															
	Construct Retaining Structure at Pier D Oil Area															
	Retaining Bulkhead Construction															
	Excavate & Truck Material in Cell Bulkhead															
	Land Ex															
	Excavate Material Fronting Pier D															
	Land Ex															
	Clamshell Dredging															
	Remove Cellular Sheetpile															

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Sheet Pile Bulkhead Demolition															
	Rock Revetment															
	Rock Placement, Push Off & Tub & Orange Peels															
	Hydraulic or Clamshell Dredge to -55 ft															
	Clamshell Dredging															
	Ground Improvments Pier D															
	Stone Column Installation Eq															
	Marine Rock Delivery Eq															
	Demo - E12-13 Wharf															
	Wharf Demolition Landside															
	Wharf Demolition Marine															
	Lift #1 (~ -30)															
	Rock Placement, Push Off & Tub & Orange Peels															
	Lift #2 (~ -15)															
	Rock Placement, Push Off & Tub & Orange Peels															
	Lift #3 (~ 0)															
	Rock Placement, Push Off & Tub & Orange Peels															
	Lift #4 (~ +15)															
	Rock Placement, Push Off & Tub & Orange Peels															
	Initial Surcharge and Wick Drains															
	Wick Drains															
	Roll Surcharge															
	2nd Surcharge and Wick Drains															
	Wick Drains															
	Roll Surcharge															
	3rd Surcharge and Wick Drains															
	Wick Drains															
	Roll Surcharge															
	4th Surcharge and Wick Drains															
	Wick Drains															
	Roll Surcharge															
	Remove Surcharge															
	Roll Surcharge															
	Container Yard Development															
	New Container Yard Utilities															
	New Container Yard Construction - Paving															
	New Container Yard Construction - Electrical															
	POLB Ocean Blvd Track Reconfiguration															
	Triple Track Installation Demo Eq															
	Triple Track Utility Relocation Eq															
	Triple Track Grading Eq															
	Triple Track Retaining Wall Eq															
	Triple Track Trackwork Eq															
Ph 1-1	Triple Track Miscellaneous Eq															
Ph 1-2	Demolish Existing Facilities															
	Sheet Pile Bulkhead Demolition															
	Wharf Demolition Landside															
	Wharf Demolition Marine															
	Construct New Bulkhead (Install Transition Bulkhead)															
	Retaining Bulkhead Construction															
	Excavation Fronting E25 and Dispose Slip 1															
	Clamshell Dredging															
	Construct New Armor Slope															
	Rock Placement, Push Off & Tub & Orange Peels															
	Wharf Construction															
	Drive 24-In Octagonal Piles - Land															
	Drive 24-In Octagonal Piles - Water															
	Drive Piles - Misc Activities															
	Reinforced Concrete Wharf															

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	CY Development															
	New Container Yard Construction - Paving															
	Dredge to -55 ft															
Ph 1-2	Clamshell Dredging															
Ph 1-3	Demolish Existing Facilities															
	Wharf Demolition Landside															
	Wharf Demolition Marine															
	Sheet Pile Bulkhead Demolition															
	Construct New Bulkhead															
	Retaining Bulkhead Construction															
	Excavation Fronting E26 and Dispose Slip 1															
	Clamshell Dredging															
	Construct New Armor Slope															
	Rock Placement, Push Off & Tub & Orange Peels															
	Wharf Construction															
	Drive 24-In Octagonal Piles - Land															
	Drive 24-In Octagonal Piles - Water															
	Drive Piles - Misc Activities															
	Reinforced Concrete Wharf															
	Construct E27 Bulkhead															
	Retaining Bulkhead Construction															
	CY Development															
	Vibratory Hammer & Power Pack															
	Flatbed Truck															
	Welding Machine															
	Hydraulic Dredge to -55ft															
Ph 1-3	Clamshell Dredging															
Ph 1-4	Seaside Railyard Area Redevelopment															
	New Container Yard Utilities															
	New Container Yard Construction - Paving															
Ph 1-4	New Container Yard Construction - Electrical															
Ph 1-5	Construction															
	New Container Yard Utilities															
	New Container Yard Construction - Paving															
Ph 1-5	New Container Yard Construction - Electrical															
Ph 2-1	Demolition															
	Wharf Demolition Landside															
	Railyard															
	Intermodal Yard Construction															
	Container Yard Development (F1 - F4)															
	New Container Yard Utilities															
	New Container Yard Construction - Paving															
	New Container Yard Construction - Electrical															
	Demo Existing F1-4, F6 Wharf															
	Wharf Demolition Landside															
	Wharf Demolition Marine															
	Construct East Basin Retaining Dike															
	Rock Placement, Push Off & Tub & Orange Peels															
	Slip/Basin Fill & Surcharge East															
	Cutter Suction Dredging- Spill Barge (No Booster)															
	Cutter Suction Dredging- Land Disposal (No Booster)															
	Wick Drains															
	Roll Surcharge															
Ph 2-1	Roll Surcharge															
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt 3-4. Definition of Peak Hourly NO_x Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*pr*	*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels															
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)															
	Cutter Suction Dredging- Land Disposal (No Booster)															
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total															
	Peak Daily Modeled Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0									0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0										0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0																
	Fill within Dike	0	0	0																
	Clamshell Dredging	0	0	0																
	Remaining Dike Lifts	0	0	0																
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0																
	Remaining Fill Lifts	0	0	0																
	Clamshell Dredging	0	0	0																
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0								
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0											
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0											
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																			
	Sheet Pile Bulkhead Demolition																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct New Bulkhead (Install Transition Bulkhead)																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E25 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	CY Development																			
	New Container Yard Construction - Paving																			

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft																			
Ph 1-2	Clamshell Dredging																			
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2007	2007	2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Au*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total	12.3																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging						0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0																		
	Hydraulic or Clamshell Dredge to -55 ft	0																		
	Clamshell Dredging	0																		
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0														
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #2 (~ -15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #3 (~ 0)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Lift #4 (~ +15)																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities										0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition										0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside										0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine										0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)										0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction										0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1										0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging										0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope										0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels										0	0	0	0	0	0	0	0	0	0
	Wharf Construction										0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land										0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water										0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities										0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf										0	0	0	0	0	0	0	0	0	0
	CY Development										0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving										0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft										0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging										0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Sheet Pile Bulkhead Demolition																			
	Construct New Bulkhead																			
	Retaining Bulkhead Construction																			
	Excavation Fronting E26 and Dispose Slip 1																			
	Clamshell Dredging																			
	Construct New Armor Slope																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Wharf Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Construct E27 Bulkhead																			
	Retaining Bulkhead Construction																			
	CY Development																			
	Vibratory Hammer & Power Pack																			
	Flatbed Truck																			
	Welding Machine																			
	Hydraulic Dredge to -55ft																			
Ph 1-3	Clamshell Dredging																			
Ph 1-4	Seaside Railyard Area Redevelopment																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-4	New Container Yard Construction - Electrical																			
Ph 1-5	Construction																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 1-5	New Container Yard Construction - Electrical																			
Ph 2-1	Demolition																			
	Wharf Demolition Landside																			
	Railyard																			
	Intermodal Yard Construction																			
	Container Yard Development (F1 - F4)																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
	New Container Yard Construction - Electrical																			
	Demo Existing F1-4, F6 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			
	Construct East Basin Retaining Dike																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Slip/Basin Fill & Surcharge East																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Roll Surcharge																			
Ph 2-1	Roll Surcharge																			
Ph 2-2	Construction - New Terminal Buildings																			
	Building Construction																			
	Dredge and Excavate at Quay Wall																			
	Clamshell Dredging																			
	Demo Existing F8-10 Wharf																			
	Wharf Demolition Landside																			
	Wharf Demolition Marine																			

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2008	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
	Water Construction - Not part of modeling analysis	*g*	*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																			
	Land Ex																			
	Rock Placement, Push Off & Tub & Orange Peels																			
	Retaining Bulkhead Construction																			
	Drive 24-In Octagonal Piles - Land																			
	Drive 24-In Octagonal Piles - Water																			
	Drive Piles - Misc Activities																			
	Reinforced Concrete Wharf																			
	Basin Fill and Surcharge West																			
	Cutter Suction Dredging- Spill Barge (No Booster)																			
	Cutter Suction Dredging- Land Disposal (No Booster)																			
	Wick Drains																			
	Settlement Period																			
Ph 2-2	Roll Surcharge																			
Ph 2-3	Remove Surcharge																			
	Roll Surcharge																			
	CY Development																			
	New Container Yard Utilities																			
	New Container Yard Construction - Paving																			
Ph 2-3	New Container Yard Construction - Electrical																			
	Hourly Total	0	0	4	4	4	2	2	0	0	0	4	4	4	4	4	6	2	2	2
	Peak Hourly Total																			

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0																		
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0										
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-4	New Container Yard Construction - Electrical																							
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings																							
	Building Construction																							
	Dredge and Excavate at Quay Wall																							
	Clamshell Dredging																							
	Demo Existing F8-10 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*Ma*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill																							
	Land Ex																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Basin Fill and Surcharge West																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Settlement Period																							
Ph 2-2	Roll Surcharge																							
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
	Hourly Total	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine																0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition																0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead																0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction																0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1																0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging																0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope																0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																0	0	0	0	0	0	0	0	0	0
	Wharf Construction																0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land																0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water																0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities																0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf																0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead																0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction																0	0	0	0	0	0	0	0	0	0
	CY Development																0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack																0	0	0	0	0	0	0	0	0	0
	Flatbed Truck																0	0	0	0	0	0	0	0	0	0
	Welding Machine																0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft																0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging																0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-4	New Container Yard Construction - Electrical																									
Ph 1-5	Construction																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 1-5	New Container Yard Construction - Electrical																									
Ph 2-1	Demolition																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Railyard																0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction																0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)																0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities																0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving																0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical																0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside																0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine																0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike																0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																									
	Slip/Basin Fill & Surcharge East																									
	Cutter Suction Dredging- Spill Barge (No Booster)																									
	Cutter Suction Dredging- Land Disposal (No Booster)																									
	Wick Drains																0	0	0	0	0	0	0	0	0	0
	Roll Surcharge																0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge																0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																									
	Building Construction																									
	Dredge and Excavate at Quay Wall																									
	Clamshell Dredging																									
	Demo Existing F8-10 Wharf																									
	Wharf Demolition Landside																									
	Wharf Demolition Marine																									

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	Water Construction - Not part of modeling analysis	*ay*	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																									
	Land Ex																									
	Rock Placement, Push Off & Tub & Orange Peels																									
	Retaining Bulkhead Construction																									
	Drive 24-In Octagonal Piles - Land																									
	Drive 24-In Octagonal Piles - Water																									
	Drive Piles - Misc Activities																									
	Reinforced Concrete Wharf																									
	Basin Fill and Surcharge West																									
	Cutter Suction Dredging- Spill Barge (No Booster)																									
	Cutter Suction Dredging- Land Disposal (No Booster)																									
	Wick Drains																									
	Settlement Period																									
Ph 2-2	Roll Surcharge																									
Ph 2-3	Remove Surcharge																									
	Roll Surcharge																									
	CY Development																									
	New Container Yard Utilities																									
	New Container Yard Construction - Paving																									
Ph 2-3	New Container Yard Construction - Electrical																									
	Hourly Total	0	0	0	0	0	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	6	6	6	6
	Peak Hourly Total																									

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-2	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Bulkhead (Install Transition Bulkhead)	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Excavation Fronting E25 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-2	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0										
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-4	New Container Yard Construction - Electrical																				
Ph 1-5	Construction																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 1-5	New Container Yard Construction - Electrical																				
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																				
	Slip/Basin Fill & Surcharge East																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																				
	Building Construction																				
	Dredge and Excavate at Quay Wall																				
	Clamshell Dredging																				
	Demo Existing F8-10 Wharf																				
	Wharf Demolition Landside																				
	Wharf Demolition Marine																				

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																				
	Land Ex																				
	Rock Placement, Push Off & Tub & Orange Peels																				
	Retaining Bulkhead Construction																				
	Drive 24-In Octagonal Piles - Land																				
	Drive 24-In Octagonal Piles - Water																				
	Drive Piles - Misc Activities																				
	Reinforced Concrete Wharf																				
	Basin Fill and Surcharge West																				
	Cutter Suction Dredging- Spill Barge (No Booster)																				
	Cutter Suction Dredging- Land Disposal (No Booster)																				
	Wick Drains																				
	Settlement Period																				
Ph 2-2	Roll Surcharge																				
Ph 2-3	Remove Surcharge																				
	Roll Surcharge																				
	CY Development																				
	New Container Yard Utilities																				
	New Container Yard Construction - Paving																				
Ph 2-3	New Container Yard Construction - Electrical																				
	Hourly Total	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4
	Peak Hourly Total																				

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging										0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0										0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0						0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0						0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-4	New Container Yard Construction - Electrical																		
Ph 1-5	Construction																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 1-5	New Container Yard Construction - Electrical																		
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																		
	Building Construction																		
	Dredge and Excavate at Quay Wall																		
	Clamshell Dredging																		
	Demo Existing F8-10 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	Water Construction - Not part of modeling analysis	*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																		
	Land Ex																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Basin Fill and Surcharge West																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Settlement Period																		
Ph 2-2	Roll Surcharge																		
Ph 2-3	Remove Surcharge																		
	Roll Surcharge																		
	CY Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
Ph 2-3	New Container Yard Construction - Electrical																		
	Hourly Total	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6
	Peak Hourly Total																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E24																								
	Clamshell Dredging																								
	Land Ex																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Prepare for Toe Dike / Construct Dike (1st Lift)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Fill within Dike																								
	Clamshell Dredging																								
	Remaining Dike Lifts																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Remaining Fill Lifts																								
	Clamshell Dredging																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Retaining Bulkhead Construction																								
	Construct South Mooring Dolphin																								
	Drive 24-In Octagonal Piles - Water																								
	Wick Drains																								
	Wick Drains																								
	Surcharge (Initial Pump, Plus Clamshell or Truck)																								
	Roll Surcharge																								
	Remove Surcharge to Slip 1 Fill Site																								
	Roll Surcharge																								
	Utility Construction																								
	New Container Yard Utilities																								
	Paving																								
	New Container Yard Construction - Paving																								
	Lighting, Fence, Striping, Crane Power																								
	New Container Yard Construction - Electrical																								
	Construct Retaining Structure at Pier D Oil Area																								
	Retaining Bulkhead Construction																								
	Excavate & Truck Material in Cell Bulkhead																								
	Land Ex																								
	Excavate Material Fronting Pier D																								
	Land Ex																								
	Clamshell Dredging																								
	Remove Cellular Sheetpile																								
	Sheet Pile Bulkhead Demolition																								

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Hydraulic or Clamshell Dredge to -55 ft																								
	Clamshell Dredging																								
	Ground Improvments Pier D																								
	Stone Column Installation Eq																								
	Marine Rock Delivery Eq																								
	Demo - E12-13 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Lift #1 (~ -30)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #2 (~ -15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #3 (~ 0)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Lift #4 (~ +15)																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Initial Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	2nd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	3rd Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	4th Surcharge and Wick Drains																								
	Wick Drains																								
	Roll Surcharge																								
	Remove Surcharge																								
	Roll Surcharge																								
	Container Yard Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	POLB Ocean Blvd Track Reconfiguration																								
	Triple Track Installation Demo Eq																								
	Triple Track Utility Relocation Eq																								
	Triple Track Grading Eq																								
	Triple Track Retaining Wall Eq																								
	Triple Track Trackwork Eq																								
Ph 1-1	Triple Track Miscellaneous Eq																								
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	CY Development																								
	New Container Yard Construction - Paving																								

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								
Ph 1-3	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E26 and Dispose Slip 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct E27 Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibratory Hammer & Power Pack	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
	Flatbed Truck	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
	Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.46	0	0	0	0	0	0	0
	Hydraulic Dredge to -55ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.46	0	0	0	0	0	0	0
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																								
	Slip/Basin Fill & Surcharge East																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
	Hourly Total	6	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	12	12	12	12	12	12	6	6
	Peak Hourly Total																								

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Railyard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intermodal Yard Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development (F1 - F4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F1-4, F6 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct East Basin Retaining Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels											0	0	0	0	0	0	0	0	0	0	0	0	0
	Slip/Basin Fill & Surcharge East											0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)											0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Land Disposal (No Booster)											0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Roll Surcharge	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
	Water Construction - Not part of modeling analysis	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*		*De*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																							
	Roll Surcharge																							
	CY Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 2-3	New Container Yard Construction - Electrical																							
	Hourly Total	6	6	6	6	6	6	6	6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Peak Hourly Total																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E24																					
	Clamshell Dredging																					
	Land Ex																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Prepare for Toe Dike / Construct Dike (1st Lift)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Fill within Dike																					
	Clamshell Dredging																					
	Remaining Dike Lifts																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Remaining Fill Lifts																					
	Clamshell Dredging																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Retaining Bulkhead Construction																					
	Construct South Mooring Dolphin																					
	Drive 24-In Octagonal Piles - Water																					
	Wick Drains																					
	Wick Drains																					
	Surcharge (Initial Pump, Plus Clamshell or Truck)																					
	Roll Surcharge																					
	Remove Surcharge to Slip 1 Fill Site																					
	Roll Surcharge																					
	Utility Construction																					
	New Container Yard Utilities																					
	Paving																					
	New Container Yard Construction - Paving																					
	Lighting, Fence, Striping, Crane Power																					
	New Container Yard Construction - Electrical																					
	Construct Retaining Structure at Pier D Oil Area																					
	Retaining Bulkhead Construction																					
	Excavate & Truck Material in Cell Bulkhead																					
	Land Ex																					
	Excavate Material Fronting Pier D																					
	Land Ex																					
	Clamshell Dredging																					
	Remove Cellular Sheetpile																					
	Sheet Pile Bulkhead Demolition																					

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Hydraulic or Clamshell Dredge to -55 ft																					
	Clamshell Dredging																					
	Ground Improvments Pier D																					
	Stone Column Installation Eq																					
	Marine Rock Delivery Eq																					
	Demo - E12-13 Wharf																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Lift #1 (~ -30)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #2 (~ -15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #3 (~ 0)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Lift #4 (~ +15)																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Initial Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	2nd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	3rd Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	4th Surcharge and Wick Drains																					
	Wick Drains																					
	Roll Surcharge																					
	Remove Surcharge																					
	Roll Surcharge																					
	Container Yard Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
	New Container Yard Construction - Electrical																					
	POLB Ocean Blvd Track Reconfiguration																					
	Triple Track Installation Demo Eq																					
	Triple Track Utility Relocation Eq																					
	Triple Track Grading Eq																					
	Triple Track Retaining Wall Eq																					
	Triple Track Trackwork Eq																					
Ph 1-1	Triple Track Miscellaneous Eq																					
Ph 1-2	Demolish Existing Facilities																					
	Sheet Pile Bulkhead Demolition																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Construct New Bulkhead (Install Transition Bulkhead)																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E25 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	CY Development																					
	New Container Yard Construction - Paving																					

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	ec	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																					
Ph 1-2	Clamshell Dredging																					
Ph 1-3	Demolish Existing Facilities																					
	Wharf Demolition Landside																					
	Wharf Demolition Marine																					
	Sheet Pile Bulkhead Demolition																					
	Construct New Bulkhead																					
	Retaining Bulkhead Construction																					
	Excavation Fronting E26 and Dispose Slip 1																					
	Clamshell Dredging																					
	Construct New Armor Slope																					
	Rock Placement, Push Off & Tub & Orange Peels																					
	Wharf Construction																					
	Drive 24-In Octagonal Piles - Land																					
	Drive 24-In Octagonal Piles - Water																					
	Drive Piles - Misc Activities																					
	Reinforced Concrete Wharf																					
	Construct E27 Bulkhead																					
	Retaining Bulkhead Construction																					
	CY Development																					
	Vibratory Hammer & Power Pack																					
	Flatbed Truck																					
	Welding Machine																					
	Hydraulic Dredge to -55ft																					
Ph 1-3	Clamshell Dredging																					
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-1	Demolition	0																				
	Wharf Demolition Landside	0																				
	Railyard	0																				
	Intermodal Yard Construction	0																				
	Container Yard Development (F1 - F4)	0																				
	New Container Yard Utilities	0																				
	New Container Yard Construction - Paving	0																				
	New Container Yard Construction - Electrical	0																				
	Demo Existing F1-4, F6 Wharf	0																				
	Wharf Demolition Landside	0																				
	Wharf Demolition Marine	0																				
	Construct East Basin Retaining Dike	0																				
	Rock Placement, Push Off & Tub & Orange Peels	0																				
	Slip/Basin Fill & Surcharge East	0																				
	Cutter Suction Dredging- Spill Barge (No Booster)	0																				
	Cutter Suction Dredging- Land Disposal (No Booster)	0																				
	Wick Drains	0																				
	Roll Surcharge	0																				
Ph 2-1	Roll Surcharge	0																				
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging																			0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2014	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
	Water Construction - Not part of modeling analysis	ec	*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																					
	Cutter Suction Dredging- Land Disposal (No Booster)																					
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge																					
	Roll Surcharge																					
	CY Development																					
	New Container Yard Utilities																					
	New Container Yard Construction - Paving																					
Ph 2-3	New Container Yard Construction - Electrical																					
	Hourly Total	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	6	6	6	6
	Peak Hourly Total																					

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E24																		
	Clamshell Dredging																		
	Land Ex																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Prepare for Toe Dike / Construct Dike (1st Lift)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Fill within Dike																		
	Clamshell Dredging																		
	Remaining Dike Lifts																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Remaining Fill Lifts																		
	Clamshell Dredging																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Retaining Bulkhead Construction																		
	Construct South Mooring Dolphin																		
	Drive 24-In Octagonal Piles - Water																		
	Wick Drains																		
	Wick Drains																		
	Surcharge (Initial Pump, Plus Clamshell or Truck)																		
	Roll Surcharge																		
	Remove Surcharge to Slip 1 Fill Site																		
	Roll Surcharge																		
	Utility Construction																		
	New Container Yard Utilities																		
	Paving																		
	New Container Yard Construction - Paving																		
	Lighting, Fence, Striping, Crane Power																		
	New Container Yard Construction - Electrical																		
	Construct Retaining Structure at Pier D Oil Area																		
	Retaining Bulkhead Construction																		
	Excavate & Truck Material in Cell Bulkhead																		
	Land Ex																		
	Excavate Material Fronting Pier D																		
	Land Ex																		
	Clamshell Dredging																		
	Remove Cellular Sheetpile																		
	Sheet Pile Bulkhead Demolition																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Hydraulic or Clamshell Dredge to -55 ft																		
	Clamshell Dredging																		
	Ground Improvments Pier D																		
	Stone Column Installation Eq																		
	Marine Rock Delivery Eq																		
	Demo - E12-13 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Lift #1 (~ -30)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #2 (~ -15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #3 (~ 0)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Lift #4 (~ +15)																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Initial Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	2nd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	3rd Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	4th Surcharge and Wick Drains																		
	Wick Drains																		
	Roll Surcharge																		
	Remove Surcharge																		
	Roll Surcharge																		
	Container Yard Development																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	POLB Ocean Blvd Track Reconfiguration																		
	Triple Track Installation Demo Eq																		
	Triple Track Utility Relocation Eq																		
	Triple Track Grading Eq																		
	Triple Track Retaining Wall Eq																		
	Triple Track Trackwork Eq																		
Ph 1-1	Triple Track Miscellaneous Eq																		
Ph 1-2	Demolish Existing Facilities																		
	Sheet Pile Bulkhead Demolition																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct New Bulkhead (Install Transition Bulkhead)																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E25 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	CY Development																		
	New Container Yard Construction - Paving																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft																		
Ph 1-2	Clamshell Dredging																		
Ph 1-3	Demolish Existing Facilities																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Sheet Pile Bulkhead Demolition																		
	Construct New Bulkhead																		
	Retaining Bulkhead Construction																		
	Excavation Fronting E26 and Dispose Slip 1																		
	Clamshell Dredging																		
	Construct New Armor Slope																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Wharf Construction																		
	Drive 24-In Octagonal Piles - Land																		
	Drive 24-In Octagonal Piles - Water																		
	Drive Piles - Misc Activities																		
	Reinforced Concrete Wharf																		
	Construct E27 Bulkhead																		
	Retaining Bulkhead Construction																		
	CY Development																		
	Vibratory Hammer & Power Pack																		
	Flatbed Truck																		
	Welding Machine																		
	Hydraulic Dredge to -55ft																		
Ph 1-3	Clamshell Dredging																		
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-5	Construction	0	0	0	0														
	New Container Yard Utilities	0	0	0	0														
	New Container Yard Construction - Paving	0	0	0	0														
Ph 1-5	New Container Yard Construction - Electrical	0	0	0	0														
Ph 2-1	Demolition																		
	Wharf Demolition Landside																		
	Railyard																		
	Intermodal Yard Construction																		
	Container Yard Development (F1 - F4)																		
	New Container Yard Utilities																		
	New Container Yard Construction - Paving																		
	New Container Yard Construction - Electrical																		
	Demo Existing F1-4, F6 Wharf																		
	Wharf Demolition Landside																		
	Wharf Demolition Marine																		
	Construct East Basin Retaining Dike																		
	Rock Placement, Push Off & Tub & Orange Peels																		
	Slip/Basin Fill & Surcharge East																		
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains																		
	Roll Surcharge																		
Ph 2-1	Roll Surcharge																		
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	Water Construction - Not part of modeling analysis	*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																		
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																		
	Cutter Suction Dredging- Land Disposal (No Booster)																		
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving					0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total																		

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
Ph 1-1	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E24																							
	Clamshell Dredging																							
	Land Ex																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Prepare for Toe Dike / Construct Dike (1st Lift)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Fill within Dike																							
	Clamshell Dredging																							
	Remaining Dike Lifts																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Remaining Fill Lifts																							
	Clamshell Dredging																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Retaining Bulkhead Construction																							
	Construct South Mooring Dolphin																							
	Drive 24-In Octagonal Piles - Water																							
	Wick Drains																							
	Wick Drains																							
	Surcharge (Initial Pump, Plus Clamshell or Truck)																							
	Roll Surcharge																							
	Remove Surcharge to Slip 1 Fill Site																							
	Roll Surcharge																							
	Utility Construction																							
	New Container Yard Utilities																							
	Paving																							
	New Container Yard Construction - Paving																							
	Lighting, Fence, Striping, Crane Power																							
	New Container Yard Construction - Electrical																							
	Construct Retaining Structure at Pier D Oil Area																							
	Retaining Bulkhead Construction																							
	Excavate & Truck Material in Cell Bulkhead																							
	Land Ex																							
	Excavate Material Fronting Pier D																							
	Land Ex																							
	Clamshell Dredging																							
	Remove Cellular Sheetpile																							
	Sheet Pile Bulkhead Demolition																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Rock Revetment																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Hydraulic or Clamshell Dredge to -55 ft																							
	Clamshell Dredging																							
	Ground Improvments Pier D																							
	Stone Column Installation Eq																							
	Marine Rock Delivery Eq																							
	Demo - E12-13 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Lift #1 (~ -30)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #2 (~ -15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #3 (~ 0)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Lift #4 (~ +15)																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Initial Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	2nd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	3rd Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	4th Surcharge and Wick Drains																							
	Wick Drains																							
	Roll Surcharge																							
	Remove Surcharge																							
	Roll Surcharge																							
	Container Yard Development																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	POLB Ocean Blvd Track Reconfiguration																							
	Triple Track Installation Demo Eq																							
	Triple Track Utility Relocation Eq																							
	Triple Track Grading Eq																							
	Triple Track Retaining Wall Eq																							
	Triple Track Trackwork Eq																							
Ph 1-1	Triple Track Miscellaneous Eq																							
Ph 1-2	Demolish Existing Facilities																							
	Sheet Pile Bulkhead Demolition																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct New Bulkhead (Install Transition Bulkhead)																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E25 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	CY Development																							
	New Container Yard Construction - Paving																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Dredge to -55 ft																							
Ph 1-2	Clamshell Dredging																							
Ph 1-3	Demolish Existing Facilities																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Sheet Pile Bulkhead Demolition																							
	Construct New Bulkhead																							
	Retaining Bulkhead Construction																							
	Excavation Fronting E26 and Dispose Slip 1																							
	Clamshell Dredging																							
	Construct New Armor Slope																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Wharf Construction																							
	Drive 24-In Octagonal Piles - Land																							
	Drive 24-In Octagonal Piles - Water																							
	Drive Piles - Misc Activities																							
	Reinforced Concrete Wharf																							
	Construct E27 Bulkhead																							
	Retaining Bulkhead Construction																							
	CY Development																							
	Vibratory Hammer & Power Pack																							
	Flatbed Truck																							
	Welding Machine																							
	Hydraulic Dredge to -55ft																							
Ph 1-3	Clamshell Dredging																							
Ph 1-4	Seaside Railyard Area Redevelopment	0	0	0	0	0	0	0	0	0	0													
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0													
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0													
Ph 1-4	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0													
Ph 1-5	Construction																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
Ph 1-5	New Container Yard Construction - Electrical																							
Ph 2-1	Demolition																							
	Wharf Demolition Landside																							
	Railyard																							
	Intermodal Yard Construction																							
	Container Yard Development (F1 - F4)																							
	New Container Yard Utilities																							
	New Container Yard Construction - Paving																							
	New Container Yard Construction - Electrical																							
	Demo Existing F1-4, F6 Wharf																							
	Wharf Demolition Landside																							
	Wharf Demolition Marine																							
	Construct East Basin Retaining Dike																							
	Rock Placement, Push Off & Tub & Orange Peels																							
	Slip/Basin Fill & Surcharge East																							
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains																							
	Roll Surcharge																							
Ph 2-1	Roll Surcharge																							
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Ju*
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels																							
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)																							
	Cutter Suction Dredging- Land Disposal (No Booster)																							
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total																							

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
Ph 1-1	Demolish Existing Facilities											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Sheet Pile Bulkhead Demolition											
	Construct New Bulkhead											
	Retaining Bulkhead Construction											
	Excavation Fronting E24											
	Clamshell Dredging											
	Land Ex											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Retaining Bulkhead Construction											
	Utility Construction											
	New Container Yard Utilities											
	Paving											
	New Container Yard Construction - Paving											
	Lighting, Striping, Crane Power											
	New Container Yard Construction - Electrical											
	Prepare for Toe Dike / Construct Dike (1st Lift)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Fill within Dike											
	Clamshell Dredging											
	Remaining Dike Lifts											
	Rock Placement, Push Off & Tub & Orange Peels											
	Remaining Fill Lifts											
	Clamshell Dredging											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Retaining Bulkhead Construction											
	Construct South Mooring Dolphin											
	Drive 24-In Octagonal Piles - Water											
	Wick Drains											
	Wick Drains											
	Surcharge (Initial Pump, Plus Clamshell or Truck)											
	Roll Surcharge											
	Remove Surcharge to Slip 1 Fill Site											
	Roll Surcharge											
	Utility Construction											
	New Container Yard Utilities											
	Paving											
	New Container Yard Construction - Paving											
	Lighting, Fence, Striping, Crane Power											
	New Container Yard Construction - Electrical											
	Construct Retaining Structure at Pier D Oil Area											
	Retaining Bulkhead Construction											
	Excavate & Truck Material in Cell Bulkhead											
	Land Ex											
	Excavate Material Fronting Pier D											
	Land Ex											
	Clamshell Dredging											
	Remove Cellular Sheetpile											
	Sheet Pile Bulkhead Demolition											

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Rock Revetment											
	Rock Placement, Push Off & Tub & Orange Peels											
	Hydraulic or Clamshell Dredge to -55 ft											
	Clamshell Dredging											
	Ground Improvments Pier D											
	Stone Column Installation Eq											
	Marine Rock Delivery Eq											
	Demo - E12-13 Wharf											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Lift #1 (~ -30)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #2 (~ -15)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #3 (~ 0)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Lift #4 (~ +15)											
	Rock Placement, Push Off & Tub & Orange Peels											
	Initial Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	2nd Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	3rd Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	4th Surcharge and Wick Drains											
	Wick Drains											
	Roll Surcharge											
	Remove Surcharge											
	Roll Surcharge											
	Container Yard Development											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
	New Container Yard Construction - Electrical											
	POLB Ocean Blvd Track Reconfiguration											
	Triple Track Installation Demo Eq											
	Triple Track Utility Relocation Eq											
	Triple Track Grading Eq											
	Triple Track Retaining Wall Eq											
	Triple Track Trackwork Eq											
Ph 1-1	Triple Track Miscellaneous Eq											
Ph 1-2	Demolish Existing Facilities											
	Sheet Pile Bulkhead Demolition											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Construct New Bulkhead (Install Transition Bulkhead)											
	Retaining Bulkhead Construction											
	Excavation Fronting E25 and Dispose Slip 1											
	Clamshell Dredging											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	CY Development											
	New Container Yard Construction - Paving											

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Dredge to -55 ft											
Ph 1-2	Clamshell Dredging											
Ph 1-3	Demolish Existing Facilities											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Sheet Pile Bulkhead Demolition											
	Construct New Bulkhead											
	Retaining Bulkhead Construction											
	Excavation Fronting E26 and Dispose Slip 1											
	Clamshell Dredging											
	Construct New Armor Slope											
	Rock Placement, Push Off & Tub & Orange Peels											
	Wharf Construction											
	Drive 24-In Octagonal Piles - Land											
	Drive 24-In Octagonal Piles - Water											
	Drive Piles - Misc Activities											
	Reinforced Concrete Wharf											
	Construct E27 Bulkhead											
	Retaining Bulkhead Construction											
	CY Development											
	Vibratory Hammer & Power Pack											
	Flatbed Truck											
	Welding Machine											
	Hydraulic Dredge to -55ft											
Ph 1-3	Clamshell Dredging											
Ph 1-4	Seaside Railyard Area Redevelopment											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
Ph 1-4	New Container Yard Construction - Electrical											
Ph 1-5	Construction											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
Ph 1-5	New Container Yard Construction - Electrical											
Ph 2-1	Demolition											
	Wharf Demolition Landside											
	Railyard											
	Intermodal Yard Construction											
	Container Yard Development (F1 - F4)											
	New Container Yard Utilities											
	New Container Yard Construction - Paving											
	New Container Yard Construction - Electrical											
	Demo Existing F1-4, F6 Wharf											
	Wharf Demolition Landside											
	Wharf Demolition Marine											
	Construct East Basin Retaining Dike											
	Rock Placement, Push Off & Tub & Orange Peels											
	Slip/Basin Fill & Surcharge East											
	Cutter Suction Dredging- Spill Barge (No Booster)											
	Cutter Suction Dredging- Land Disposal (No Booster)											
	Wick Drains											
	Roll Surcharge											
Ph 2-1	Roll Surcharge											
Ph 2-2	Construction - New Terminal Buildings	0	0	0	0	0	0	0	0	0	0	0
	Building Construction	0	0	0	0	0	0	0	0	0	0	0
	Dredge and Excavate at Quay Wall	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0
	Demo Existing F8-10 Wharf	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2 Alt3-5. Definition of Peak Hourly CO Emissions - POLB - MHTP - Alternative 3.

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
	Water Construction - Not part of modeling analysis	*ll*	*Aug*		*Sep*		*Oct*		*Nov*		*Dec*	
	Activity	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels										0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0
	Basin Fill and Surcharge West	0	0	0	0	0	0	0	0	0	0	0
	Cutter Suction Dredging- Spill Barge (No Booster)											
	Cutter Suction Dredging- Land Disposal (No Booster)											
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0
	Settlement Period	0	0	0	0	0	0	0	0	0	0	0
Ph 2-2	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0
	CY Development	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0
Ph 2-3	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0
	Hourly Total	0	0	0	0	0	0	0	0	0	0	0
	Peak Hourly Total											

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities																								
	Sheet Pile Bulkhead Demolition																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct New Bulkhead (Install Transition Bulkhead)																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E25 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	CY Development																								
	New Container Yard Construction - Paving																								

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft																								
Ph 1-2	Clamshell Dredging																								
Ph 1-3	Demolish Existing Facilities																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Sheet Pile Bulkhead Demolition																								
	Construct New Bulkhead																								
	Retaining Bulkhead Construction																								
	Excavation Fronting E26 and Dispose Slip 1																								
	Clamshell Dredging																								
	Construct New Armor Slope																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Wharf Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Construct E27 Bulkhead																								
	Retaining Bulkhead Construction																								
	CY Development																								
	Vibratory Hammer & Power Pack																								
	Flatbed Truck																								
	Welding Machine																								
	Hydraulic Dredge to -55ft																								
Ph 1-3	Clamshell Dredging																								
Ph 1-4	Seaside Railyard Area Redevelopment																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-4	New Container Yard Construction - Electrical																								
Ph 1-5	Construction																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 1-5	New Container Yard Construction - Electrical																								
Ph 2-1	Demolition																								
	Wharf Demolition Landside																								
	Railyard																								
	Intermodal Yard Construction																								
	Container Yard Development (F1 - F4)																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
	New Container Yard Construction - Electrical																								
	Demo Existing F1-4, F6 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								
	Construct East Basin Retaining Dike																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Slip/Basin Fill & Surcharge East																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Roll Surcharge																								
Ph 2-1	Roll Surcharge																								
Ph 2-2	Construction - New Terminal Buildings																								
	Building Construction																								
	Dredge and Excavate at Quay Wall																								
	Clamshell Dredging																								
	Demo Existing F8-10 Wharf																								
	Wharf Demolition Landside																								
	Wharf Demolition Marine																								

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																								
	Land Ex																								
	Rock Placement, Push Off & Tub & Orange Peels																								
	Retaining Bulkhead Construction																								
	Drive 24-In Octagonal Piles - Land																								
	Drive 24-In Octagonal Piles - Water																								
	Drive Piles - Misc Activities																								
	Reinforced Concrete Wharf																								
	Basin Fill and Surcharge West																								
	Cutter Suction Dredging- Spill Barge (No Booster)																								
	Cutter Suction Dredging- Land Disposal (No Booster)																								
	Wick Drains																								
	Settlement Period																								
Ph 2-2	Roll Surcharge																								
Ph 2-3	Remove Surcharge																								
	Roll Surcharge																								
	CY Development																								
	New Container Yard Utilities																								
	New Container Yard Construction - Paving																								
Ph 2-3	New Container Yard Construction - Electrical																								
All	Fugitive Dust from Ground Disturbance																						148	148	148
	Daily Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	154	154
	Peak Daily Total	**1,257**																							

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Ph 1-1	Demolish Existing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Prepare for Toe Dike / Construct Dike (1st Lift)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill within Dike	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Dike Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining Fill Lifts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct South Mooring Dolphin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Surcharge (Initial Pump, Plus Clamshell or Truck)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge to Slip 1 Fill Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utility Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
	Lighting, Fence, Striping, Crane Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
	Construct Retaining Structure at Pier D Oil Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate & Truck Material in Cell Bulkhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavate Material Fronting Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Land Ex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Cellular Sheetpile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Rock Revetment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydraulic or Clamshell Dredge to -55 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ground Improvments Pier D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Stone Column Installation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Marine Rock Delivery Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demo - E12-13 Wharf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #1 (~ -30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #2 (~ -15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #3 (~ 0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lift #4 (~ +15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Initial Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2nd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3rd Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4th Surcharge and Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wick Drains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remove Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Roll Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Container Yard Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Electrical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	POLB Ocean Blvd Track Reconfiguration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Installation Demo Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Triple Track Utility Relocation Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Grading Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Retaining Wall Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Triple Track Trackwork Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-1	Triple Track Miscellaneous Eq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Demolish Existing Facilities					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheet Pile Bulkhead Demolition					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Landside					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Demolition Marine					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Bulkhead (Install Transition Bulkhead)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Retaining Bulkhead Construction					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excavation Fronting E25 and Dispose Slip 1					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Construct New Armor Slope					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rock Placement, Push Off & Tub & Orange Peels					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wharf Construction					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Land					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive 24-In Octagonal Piles - Water					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Drive Piles - Misc Activities					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reinforced Concrete Wharf					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CY Development					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Container Yard Construction - Paving					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov	
	Activity	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Dredge to -55 ft					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-2	Clamshell Dredging					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph 1-3	Demolish Existing Facilities																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										
	Sheet Pile Bulkhead Demolition																										
	Construct New Bulkhead																										
	Retaining Bulkhead Construction																										
	Excavation Fronting E26 and Dispose Slip 1																										
	Clamshell Dredging																										
	Construct New Armor Slope																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Wharf Construction																										
	Drive 24-In Octagonal Piles - Land																										
	Drive 24-In Octagonal Piles - Water																										
	Drive Piles - Misc Activities																										
	Reinforced Concrete Wharf																										
	Construct E27 Bulkhead																										
	Retaining Bulkhead Construction																										
	CY Development																										
	Vibratory Hammer & Power Pack																										
	Flatbed Truck																										
	Welding Machine																										
	Hydraulic Dredge to -55ft																										
Ph 1-3	Clamshell Dredging																										
Ph 1-4	Seaside Railyard Area Redevelopment																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 1-4	New Container Yard Construction - Electrical																										
Ph 1-5	Construction																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 1-5	New Container Yard Construction - Electrical																										
Ph 2-1	Demolition																										
	Wharf Demolition Landside																										
	Railyard																										
	Intermodal Yard Construction																										
	Container Yard Development (F1 - F4)																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
	New Container Yard Construction - Electrical																										
	Demo Existing F1-4, F6 Wharf																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										
	Construct East Basin Retaining Dike																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Slip/Basin Fill & Surcharge East																										
	Cutter Suction Dredging- Spill Barge (No Booster)																										
	Cutter Suction Dredging- Land Disposal (No Booster)																										
	Wick Drains																										
	Roll Surcharge																										
Ph 2-1	Roll Surcharge																										
Ph 2-2	Construction - New Terminal Buildings																										
	Building Construction																										
	Dredge and Excavate at Quay Wall																										
	Clamshell Dredging																										
	Demo Existing F8-10 Wharf																										
	Wharf Demolition Landside																										
	Wharf Demolition Marine																										

Table A.2.2-Alt3-6. Definition of Peak Daily PM10 Emissions - POLB - MHTP - Alternative 3

		2010	2010	2010	2010	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
		Nov		*Dec*		*Jan*		*Feb*		*Mar*		*Apr*		*May*		*Jun*		*Jul*		*Aug*		*Sep*		*Oct*		*Nov*	
	Activity	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*	*1st*	*2nd*
	Construct Wharf, Armor, Fill																										
	Land Ex																										
	Rock Placement, Push Off & Tub & Orange Peels																										
	Retaining Bulkhead Construction																										
	Drive 24-In Octagonal Piles - Land																										
	Drive 24-In Octagonal Piles - Water																										
	Drive Piles - Misc Activities																										
	Reinforced Concrete Wharf																										
	Basin Fill and Surcharge West																										
	Cutter Suction Dredging- Spill Barge (No Booster)																										
	Cutter Suction Dredging- Land Disposal (No Booster)																										
	Wick Drains																										
	Settlement Period																										
Ph 2-2	Roll Surcharge																										
Ph 2-3	Remove Surcharge																										
	Roll Surcharge																										
	CY Development																										
	New Container Yard Utilities																										
	New Container Yard Construction - Paving																										
Ph 2-3	New Container Yard Construction - Electrical																										
All	Fugitive Dust from Ground Disturbance	148	148	148	148	148	148	148	444	444	444	444	444	444	444	444	444	444	296	296	296	296	296	296	296	296	296
	Daily Total	151	151	149	149	149	154	154	450	450	450	453	447	447	447	448	448	445	297	297	297	296	297	296	296	296	296
	Peak Daily Total																										