

NO ECHO

CO STARTING
CO TITLEONE Pier J South, 75-Acre Alt. HRA Addendum 2004
CO TITLETWO Hotel and Par Field
CO MODELOPT CONC URBAN NOCALM
CO AVERTIME PERIOD
CO POLLUTID TOX
CO TERRHGTS ELEV
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS

** Source Location Cards:

** SRCID	SRCTYP	XS	YS	ZS
SO LOCATION 1	Point	388639.00	3734058.00	0.00
SO LOCATION 2	Point	388163.00	3733900.00	0.00
SO LOCATION 3	Point	389060.00	3732690.00	0.00
SO LOCATION 4	Point	389919.00	3732016.00	0.00
SO LOCATION 5	Volume	388470.00	3733810.00	0.00
SO LOCATION 6	Volume	388912.00	3733810.00	0.00
SO LOCATION 7	Volume	389354.00	3733810.00	0.00
SO LOCATION 8	Volume	389796.00	3733810.00	0.00
SO LOCATION 10	Volume	389354.00	3733368.00	0.00
SO LOCATION 11	Volume	389796.00	3733368.00	0.00
SO LOCATION 12	Volume	389796.00	3734252.00	0.00
SO LOCATION 13	Volume	389739.00	3734573.00	0.00
SO LOCATION 14	Volume	389725.00	3734773.00	0.00
SO LOCATION 15	Volume	389683.00	3734973.00	0.00
SO LOCATION 16	Volume	389534.00	3735173.00	3.00
SO LOCATION 17	Volume	389347.00	3735373.00	5.00
SO LOCATION 18	Volume	389055.00	3735573.00	3.00
SO LOCATION 19	Volume	388767.00	3735773.00	4.00
SO LOCATION 20	Volume	388583.00	3735973.00	3.00
SO LOCATION 21	Volume	388391.00	3736173.00	3.00
SO LOCATION 22	Volume	388364.00	3736373.00	3.00
SO LOCATION 23	Volume	388258.00	3736573.00	5.00
SO LOCATION 24	Volume	388169.00	3736773.00	6.00
SO LOCATION 25	Volume	388160.00	3736973.00	5.00
SO LOCATION 26	Volume	388164.00	3737173.00	3.00
SO LOCATION 27	Volume	388191.00	3737373.00	3.00
SO LOCATION 28	Volume	388210.00	3737573.00	3.00
SO LOCATION 29	Volume	388207.00	3737773.00	5.00
SO LOCATION 30	Volume	388209.00	3737973.00	6.00
SO LOCATION 31	Volume	388185.00	3738173.00	8.00
SO LOCATION 32	Volume	388174.00	3738373.00	3.00
SO LOCATION 33	Volume	388186.00	3738573.00	3.00
SO LOCATION 34	Volume	387876.00	3738249.00	3.00
SO LOCATION 35	Volume	387591.00	3738333.00	3.00
SO LOCATION 36	Volume	387283.00	3738424.00	3.00
SO LOCATION 37	Volume	387003.00	3738492.00	3.00

** POINT: SRCID QS HS TS VS DS
** VOLUME: SRCID QS HS SYINIT SZINIT

SO SRCPARAM 1	5.28e-2	37.60	495.00	25.8	2.01
SO SRCPARAM 2	9.20e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 3	9.20e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 4	9.20e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 5	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 6	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 7	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 8	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 10	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 11	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 12	1.91e-3	2.50	205.58	2.320	
SO SRCPARAM 13	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 14	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 15	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 16	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 17	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 18	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 19	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 20	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 21	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 22	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 23	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 24	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 25	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 26	3.39e-4	2.50	93.02	2.320	
SO SRCPARAM 27	3.39e-4	2.50	93.02	2.320	

SO SRCPARAM	28	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	29	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	30	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	31	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	32	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	33	3.39e-4	2.50	93.02	2.320
SO SRCPARAM	34	2.59e-5	2.50	139.53	2.320
SO SRCPARAM	35	2.59e-5	2.50	139.53	2.320
SO SRCPARAM	36	2.59e-5	2.50	139.53	2.320
SO SRCPARAM	37	2.59e-5	2.50	139.53	2.320

SO SRCGROUP all all
SO FINISHED

RE STARTING
RE ELEVUNIT METERS

**Hotel

RE DISCCART	389686.00	3735452.00	0.00
RE DISCCART	389729.00	3735435.00	0.00
RE DISCCART	389772.00	3735413.00	0.00
RE DISCCART	389815.00	3735391.00	0.00
RE DISCCART	389858.00	3735374.00	0.00
RE DISCCART	389896.00	3735357.00	0.00
RE DISCCART	389928.00	3735341.00	0.00
RE DISCCART	389966.00	3735324.00	0.00

** Far Grid

RE DISCCART	379000.00	3733000.00	78.00
RE DISCCART	379000.00	3733500.00	79.90
RE DISCCART	379000.00	3734000.00	77.40
RE DISCCART	379000.00	3734500.00	95.80
RE DISCCART	379000.00	3735000.00	92.00
RE DISCCART	379000.00	3735500.00	75.20
RE DISCCART	379000.00	3736000.00	56.90
RE DISCCART	379000.00	3736500.00	32.60
RE DISCCART	379000.00	3737000.00	41.80
RE DISCCART	379000.00	3737500.00	75.90
RE DISCCART	379000.00	3738000.00	78.60
RE DISCCART	379000.00	3738500.00	61.90
RE DISCCART	379000.00	3739000.00	26.80
RE DISCCART	379000.00	3739500.00	21.90
RE DISCCART	379000.00	3740000.00	17.70
RE DISCCART	379000.00	3740500.00	14.80
RE DISCCART	379000.00	3741000.00	19.30
RE DISCCART	379000.00	3741500.00	15.60
RE DISCCART	379000.00	3742000.00	15.20
RE DISCCART	379000.00	3742500.00	17.10
RE DISCCART	379000.00	3743000.00	15.80
RE DISCCART	379000.00	3743500.00	14.90
RE DISCCART	379000.00	3744000.00	14.00
RE DISCCART	379500.00	3733000.00	54.90
RE DISCCART	379500.00	3733500.00	54.90
RE DISCCART	379500.00	3734000.00	70.70
RE DISCCART	379500.00	3734500.00	79.20
RE DISCCART	379500.00	3735000.00	59.10
RE DISCCART	379500.00	3735500.00	50.30
RE DISCCART	379500.00	3736000.00	25.10
RE DISCCART	379500.00	3736500.00	21.00
RE DISCCART	379500.00	3737000.00	38.90
RE DISCCART	379500.00	3737500.00	66.80
RE DISCCART	379500.00	3738000.00	41.10
RE DISCCART	379500.00	3738500.00	32.70
RE DISCCART	379500.00	3739000.00	16.30
RE DISCCART	379500.00	3739500.00	21.00
RE DISCCART	379500.00	3740000.00	20.70
RE DISCCART	379500.00	3740500.00	13.10
RE DISCCART	379500.00	3741000.00	13.10
RE DISCCART	379500.00	3741500.00	14.30
RE DISCCART	379500.00	3742000.00	13.10
RE DISCCART	379500.00	3742500.00	13.10
RE DISCCART	379500.00	3743000.00	13.10
RE DISCCART	379500.00	3743500.00	14.00
RE DISCCART	379500.00	3744000.00	14.00
RE DISCCART	380000.00	3733000.00	34.20
RE DISCCART	380000.00	3733500.00	39.30
RE DISCCART	380000.00	3734000.00	50.60
RE DISCCART	380000.00	3734500.00	46.00
RE DISCCART	380000.00	3735000.00	39.30
RE DISCCART	380000.00	3735500.00	24.60
RE DISCCART	380000.00	3736000.00	10.70
RE DISCCART	380000.00	3736500.00	11.90
RE DISCCART	380000.00	3737000.00	41.60

RE DISCCART	380000.00	3737500.00	19.20
RE DISCCART	380000.00	3738000.00	9.10
RE DISCCART	380000.00	3738500.00	18.00
RE DISCCART	380000.00	3739000.00	11.20
RE DISCCART	380000.00	3739500.00	14.00
RE DISCCART	380000.00	3740000.00	14.00
RE DISCCART	380000.00	3740500.00	15.80
RE DISCCART	380000.00	3741000.00	13.10
RE DISCCART	380000.00	3741500.00	9.20
RE DISCCART	380000.00	3742000.00	12.00
RE DISCCART	380000.00	3742500.00	11.00
RE DISCCART	380000.00	3743000.00	11.90
RE DISCCART	380000.00	3743500.00	11.10
RE DISCCART	380000.00	3744000.00	11.00
RE DISCCART	380500.00	3733000.00	24.00
RE DISCCART	380500.00	3733500.00	28.00
RE DISCCART	380500.00	3734000.00	20.30
RE DISCCART	380500.00	3734500.00	32.60
RE DISCCART	380500.00	3735000.00	16.00
RE DISCCART	380500.00	3735500.00	0.20
RE DISCCART	380500.00	3736000.00	10.30
RE DISCCART	380500.00	3736500.00	15.60
RE DISCCART	380500.00	3737000.00	36.30
RE DISCCART	380500.00	3737500.00	41.10
RE DISCCART	380500.00	3738000.00	20.10
RE DISCCART	380500.00	3738500.00	1.30
RE DISCCART	380500.00	3739000.00	8.60
RE DISCCART	380500.00	3739500.00	3.70
RE DISCCART	380500.00	3740000.00	12.70
RE DISCCART	380500.00	3740500.00	11.90
RE DISCCART	380500.00	3741000.00	11.90
RE DISCCART	380500.00	3741500.00	4.60
RE DISCCART	380500.00	3742000.00	10.10
RE DISCCART	380500.00	3742500.00	9.10
RE DISCCART	380500.00	3743000.00	9.10
RE DISCCART	380500.00	3743500.00	9.10
RE DISCCART	380500.00	3744000.00	9.10
RE DISCCART	381000.00	3733000.00	17.40
RE DISCCART	381000.00	3733500.00	14.00
RE DISCCART	381000.00	3734000.00	15.20
RE DISCCART	381000.00	3734500.00	20.40
RE DISCCART	381000.00	3735000.00	0.00
RE DISCCART	381000.00	3735500.00	0.00
RE DISCCART	381000.00	3736000.00	2.10
RE DISCCART	381000.00	3736500.00	25.00
RE DISCCART	381000.00	3737000.00	31.70
RE DISCCART	381000.00	3737500.00	26.40
RE DISCCART	381000.00	3738000.00	13.10
RE DISCCART	381000.00	3738500.00	2.70
RE DISCCART	381000.00	3739000.00	10.40
RE DISCCART	381000.00	3739500.00	3.00
RE DISCCART	381000.00	3740000.00	4.00
RE DISCCART	381000.00	3740500.00	4.00
RE DISCCART	381000.00	3741000.00	4.00
RE DISCCART	381000.00	3741500.00	3.00
RE DISCCART	381000.00	3742000.00	7.00
RE DISCCART	381000.00	3742500.00	7.00
RE DISCCART	381000.00	3743000.00	7.90
RE DISCCART	381000.00	3743500.00	3.70
RE DISCCART	381000.00	3744000.00	7.90
RE DISCCART	381500.00	3733000.00	5.70
RE DISCCART	381500.00	3733500.00	7.40
RE DISCCART	381500.00	3734000.00	1.30
RE DISCCART	381500.00	3734500.00	0.90
RE DISCCART	381500.00	3735000.00	0.00
RE DISCCART	381500.00	3735500.00	0.00
RE DISCCART	381500.00	3736000.00	0.00
RE DISCCART	381500.00	3736500.00	3.00
RE DISCCART	381500.00	3737000.00	1.20
RE DISCCART	381500.00	3737500.00	6.20
RE DISCCART	381500.00	3738000.00	10.10
RE DISCCART	381500.00	3739500.00	5.60
RE DISCCART	381500.00	3739000.00	9.70
RE DISCCART	381500.00	3739500.00	6.10
RE DISCCART	381500.00	3740000.00	7.10
RE DISCCART	381500.00	3740500.00	4.30
RE DISCCART	381500.00	3741000.00	7.30
RE DISCCART	381500.00	3741500.00	6.70
RE DISCCART	381500.00	3742000.00	9.10
RE DISCCART	381500.00	3742500.00	7.90
RE DISCCART	381500.00	3743000.00	7.00

RE DISCCART	381500.00	3743500.00	7.00
RE DISCCART	381500.00	3744000.00	7.90
RE DISCCART	382000.00	3733000.00	0.00
RE DISCCART	382000.00	3733500.00	0.00
RE DISCCART	382000.00	3734000.00	0.10
RE DISCCART	382000.00	3734500.00	0.00
RE DISCCART	382000.00	3735000.00	0.90
RE DISCCART	382000.00	3735500.00	0.00
RE DISCCART	382000.00	3736000.00	0.00
RE DISCCART	382000.00	3736500.00	0.00
RE DISCCART	382000.00	3737000.00	1.30
RE DISCCART	382000.00	3737500.00	3.00
RE DISCCART	382000.00	3738000.00	7.90
RE DISCCART	382000.00	3738500.00	3.40
RE DISCCART	382000.00	3739000.00	6.90
RE DISCCART	382000.00	3739500.00	7.00
RE DISCCART	382000.00	3740000.00	6.10
RE DISCCART	382000.00	3740500.00	6.10
RE DISCCART	382000.00	3741000.00	6.10
RE DISCCART	382000.00	3741500.00	8.30
RE DISCCART	382000.00	3742000.00	7.90
RE DISCCART	382000.00	3742500.00	9.10
RE DISCCART	382000.00	3743000.00	6.10
RE DISCCART	382000.00	3743500.00	6.10
RE DISCCART	382000.00	3744000.00	7.90
RE DISCCART	382500.00	3733000.00	0.90
RE DISCCART	382500.00	3733500.00	0.00
RE DISCCART	382500.00	3734000.00	0.90
RE DISCCART	382500.00	3734500.00	0.90
RE DISCCART	382500.00	3735000.00	0.00
RE DISCCART	382500.00	3735500.00	0.00
RE DISCCART	382500.00	3736000.00	0.30
RE DISCCART	382500.00	3736500.00	0.90
RE DISCCART	382500.00	3737000.00	0.90
RE DISCCART	382500.00	3737500.00	0.90
RE DISCCART	382500.00	3738000.00	4.00
RE DISCCART	382500.00	3738500.00	8.70
RE DISCCART	382500.00	3739000.00	10.40
RE DISCCART	382500.00	3739500.00	7.00
RE DISCCART	382500.00	3740000.00	6.10
RE DISCCART	382500.00	3740500.00	7.00
RE DISCCART	382500.00	3741000.00	7.00
RE DISCCART	382500.00	3741500.00	6.40
RE DISCCART	382500.00	3742000.00	8.30
RE DISCCART	382500.00	3742500.00	7.90
RE DISCCART	382500.00	3743000.00	5.30
RE DISCCART	382500.00	3743500.00	4.90
RE DISCCART	382500.00	3744000.00	6.10
RE DISCCART	383000.00	3733000.00	0.00
RE DISCCART	383000.00	3738000.00	4.00
RE DISCCART	383000.00	3738500.00	4.90
RE DISCCART	383000.00	3739000.00	8.30
RE DISCCART	383000.00	3739500.00	7.90
RE DISCCART	383000.00	3740000.00	5.70
RE DISCCART	383000.00	3740500.00	7.00
RE DISCCART	383000.00	3741000.00	4.90
RE DISCCART	383000.00	3741500.00	7.00
RE DISCCART	383000.00	3742000.00	7.90
RE DISCCART	383000.00	3742500.00	6.10
RE DISCCART	383000.00	3743000.00	2.10
RE DISCCART	383000.00	3743500.00	3.00
RE DISCCART	383000.00	3744000.00	0.90
RE DISCCART	383500.00	3738500.00	4.00
RE DISCCART	383500.00	3739000.00	7.30
RE DISCCART	383500.00	3739500.00	7.00
RE DISCCART	383500.00	3740000.00	3.50
RE DISCCART	383500.00	3740500.00	7.00
RE DISCCART	383500.00	3741000.00	4.90
RE DISCCART	383500.00	3741500.00	5.30
RE DISCCART	383500.00	3742000.00	5.30
RE DISCCART	383500.00	3742500.00	3.00
RE DISCCART	383500.00	3743000.00	2.40
RE DISCCART	383500.00	3743500.00	0.00
RE DISCCART	383500.00	3744000.00	0.00
RE DISCCART	384000.00	3739000.00	5.30
RE DISCCART	384000.00	3739500.00	7.00
RE DISCCART	384000.00	3740000.00	3.00
RE DISCCART	384000.00	3740500.00	7.30
RE DISCCART	384000.00	3741000.00	3.00
RE DISCCART	384000.00	3741500.00	5.30
RE DISCCART	384000.00	3742000.00	4.00

RE DISCCART	384000.00	3742500.00	3.00
RE DISCCART	384000.00	3743000.00	2.40
RE DISCCART	384000.00	3743500.00	0.00
RE DISCCART	384000.00	3744000.00	0.90
RE DISCCART	384500.00	3739500.00	7.90
RE DISCCART	384500.00	3740000.00	13.70
RE DISCCART	384500.00	3740500.00	9.40
RE DISCCART	384500.00	3741000.00	11.00
RE DISCCART	384500.00	3741500.00	9.10
RE DISCCART	384500.00	3742000.00	8.20
RE DISCCART	384500.00	3742500.00	7.00
RE DISCCART	384500.00	3743000.00	3.00
RE DISCCART	384500.00	3743500.00	3.00
RE DISCCART	384500.00	3744000.00	3.00
RE DISCCART	385000.00	3740000.00	9.80
RE DISCCART	385000.00	3740500.00	6.00
RE DISCCART	385000.00	3741000.00	7.90
RE DISCCART	385000.00	3741500.00	9.00
RE DISCCART	385000.00	3742000.00	6.50
RE DISCCART	385000.00	3742500.00	7.90
RE DISCCART	385000.00	3743000.00	3.00
RE DISCCART	385000.00	3743500.00	3.00
RE DISCCART	385000.00	3744000.00	3.00
RE DISCCART	385500.00	3740500.00	7.00
RE DISCCART	385500.00	3741000.00	4.90
RE DISCCART	385500.00	3741500.00	7.60
RE DISCCART	385500.00	3742000.00	4.90
RE DISCCART	385500.00	3742500.00	4.90
RE DISCCART	385500.00	3743000.00	3.00
RE DISCCART	385500.00	3743500.00	4.00
RE DISCCART	385500.00	3744000.00	3.00
RE DISCCART	386000.00	3741000.00	7.00
RE DISCCART	386000.00	3741500.00	4.00
RE DISCCART	386000.00	3742000.00	5.70
RE DISCCART	386000.00	3742500.00	4.60
RE DISCCART	386000.00	3743000.00	3.00
RE DISCCART	386000.00	3743500.00	4.60
RE DISCCART	386000.00	3744000.00	3.00
RE DISCCART	386500.00	3741000.00	3.00
RE DISCCART	386500.00	3741500.00	4.90
RE DISCCART	386500.00	3742000.00	6.10
RE DISCCART	386500.00	3742500.00	6.70
RE DISCCART	386500.00	3743000.00	3.70
RE DISCCART	386500.00	3743500.00	6.70
RE DISCCART	386500.00	3744000.00	3.00
RE DISCCART	387000.00	3741000.00	4.00
RE DISCCART	387000.00	3741500.00	4.00
RE DISCCART	387000.00	3742000.00	4.90
RE DISCCART	387000.00	3742500.00	7.00
RE DISCCART	387000.00	3743000.00	3.70
RE DISCCART	387000.00	3743500.00	6.10
RE DISCCART	387000.00	3744000.00	4.90
RE DISCCART	387500.00	3741000.00	4.00
RE DISCCART	387500.00	3741500.00	4.90
RE DISCCART	387500.00	3742000.00	6.10
RE DISCCART	387500.00	3742500.00	7.90
RE DISCCART	387500.00	3743000.00	4.60
RE DISCCART	387500.00	3743500.00	7.00
RE DISCCART	387500.00	3744000.00	6.10
RE DISCCART	388000.00	3741000.00	4.00
RE DISCCART	388000.00	3741500.00	4.90
RE DISCCART	388000.00	3742000.00	7.00
RE DISCCART	388000.00	3742500.00	9.10
RE DISCCART	388000.00	3743000.00	6.70
RE DISCCART	388000.00	3743500.00	7.90
RE DISCCART	388000.00	3744000.00	6.10
RE DISCCART	388500.00	3741000.00	3.00
RE DISCCART	388500.00	3741500.00	3.00
RE DISCCART	388500.00	3742000.00	4.90
RE DISCCART	388500.00	3742500.00	4.90
RE DISCCART	388500.00	3743000.00	3.00
RE DISCCART	388500.00	3743500.00	3.70
RE DISCCART	388500.00	3744000.00	3.00
RE DISCCART	389000.00	3741000.00	4.00
RE DISCCART	389000.00	3741500.00	6.70
RE DISCCART	389000.00	3742000.00	7.90
RE DISCCART	389000.00	3742500.00	13.10
RE DISCCART	389000.00	3743000.00	15.80
RE DISCCART	389000.00	3743500.00	20.20
RE DISCCART	389000.00	3744000.00	24.30
RE DISCCART	389500.00	3741000.00	4.00

RE DISCCART	389500.00	3741500.00	7.90
RE DISCCART	389500.00	3742000.00	7.90
RE DISCCART	389500.00	3742500.00	14.90
RE DISCCART	389500.00	3743000.00	25.00
RE DISCCART	389500.00	3743500.00	32.30
RE DISCCART	389500.00	3744000.00	31.10
RE DISCCART	390000.00	3740500.00	7.00
RE DISCCART	390000.00	3741000.00	4.00
RE DISCCART	390000.00	3741500.00	15.50
RE DISCCART	390000.00	3742000.00	14.00
RE DISCCART	390000.00	3742500.00	29.00
RE DISCCART	390000.00	3743000.00	28.70
RE DISCCART	390000.00	3743500.00	35.10
RE DISCCART	390000.00	3744000.00	32.90
RE DISCCART	390500.00	3739000.00	9.10
RE DISCCART	390500.00	3740000.00	7.00
RE DISCCART	390500.00	3740500.00	7.00
RE DISCCART	390500.00	3741000.00	12.70
RE DISCCART	390500.00	3741500.00	17.30
RE DISCCART	390500.00	3742000.00	29.20
RE DISCCART	390500.00	3742500.00	28.00
RE DISCCART	390500.00	3743000.00	25.90
RE DISCCART	390500.00	3743500.00	27.70
RE DISCCART	390500.00	3744000.00	27.40
RE DISCCART	391000.00	3737500.00	11.90
RE DISCCART	391000.00	3738000.00	9.10
RE DISCCART	391000.00	3738500.00	9.10
RE DISCCART	391000.00	3739000.00	5.80
RE DISCCART	391000.00	3740000.00	6.70
RE DISCCART	391000.00	3740500.00	19.70
RE DISCCART	391000.00	3741000.00	23.30
RE DISCCART	391000.00	3741500.00	23.40
RE DISCCART	391000.00	3742000.00	28.70
RE DISCCART	391000.00	3742500.00	25.00
RE DISCCART	391000.00	3743000.00	22.90
RE DISCCART	391000.00	3743500.00	27.10
RE DISCCART	391000.00	3744000.00	25.90
RE DISCCART	391500.00	3737500.00	10.10
RE DISCCART	391500.00	3738000.00	9.10
RE DISCCART	391500.00	3738500.00	7.90
RE DISCCART	391500.00	3739000.00	6.10
RE DISCCART	391500.00	3740000.00	12.70
RE DISCCART	391500.00	3740500.00	27.40
RE DISCCART	391500.00	3741000.00	43.90
RE DISCCART	391500.00	3741500.00	30.30
RE DISCCART	391500.00	3742000.00	22.90
RE DISCCART	391500.00	3742500.00	24.10
RE DISCCART	391500.00	3743000.00	21.00
RE DISCCART	391500.00	3743500.00	25.00
RE DISCCART	391500.00	3744000.00	25.00
RE DISCCART	392000.00	3737000.00	14.90
RE DISCCART	392000.00	3737500.00	13.10
RE DISCCART	392000.00	3738000.00	9.10
RE DISCCART	392000.00	3738500.00	7.90
RE DISCCART	392000.00	3739000.00	6.10
RE DISCCART	392000.00	3740000.00	27.70
RE DISCCART	392000.00	3740500.00	54.10
RE DISCCART	392000.00	3741000.00	41.10
RE DISCCART	392000.00	3741500.00	28.50
RE DISCCART	392000.00	3742000.00	17.40
RE DISCCART	392000.00	3742500.00	18.90
RE DISCCART	392000.00	3743000.00	18.90
RE DISCCART	392000.00	3743500.00	21.00
RE DISCCART	392000.00	3744000.00	20.40
RE DISCCART	392500.00	3736500.00	13.10
RE DISCCART	392500.00	3737000.00	15.80
RE DISCCART	392500.00	3737500.00	12.30
RE DISCCART	392500.00	3738000.00	10.10
RE DISCCART	392500.00	3738500.00	9.10
RE DISCCART	392500.00	3739000.00	4.00
RE DISCCART	392500.00	3740000.00	56.90
RE DISCCART	392500.00	3740500.00	88.40
RE DISCCART	392500.00	3741000.00	30.70
RE DISCCART	392500.00	3741500.00	21.90
RE DISCCART	392500.00	3742000.00	17.90
RE DISCCART	392500.00	3742500.00	17.10
RE DISCCART	392500.00	3743000.00	17.10
RE DISCCART	392500.00	3743500.00	20.10
RE DISCCART	392500.00	3744000.00	20.10
RE DISCCART	393000.00	3736500.00	14.90
RE DISCCART	393000.00	3737000.00	18.90

RE DISCCART	393000.00	3737500.00	14.60
RE DISCCART	393000.00	3738000.00	14.00
RE DISCCART	393000.00	3738500.00	10.10
RE DISCCART	393000.00	3739000.00	16.30
RE DISCCART	393000.00	3740000.00	46.30
RE DISCCART	393000.00	3740500.00	29.90
RE DISCCART	393000.00	3741000.00	20.10
RE DISCCART	393000.00	3741500.00	18.00
RE DISCCART	393000.00	3742000.00	15.50
RE DISCCART	393000.00	3742500.00	14.00
RE DISCCART	393000.00	3743000.00	15.80
RE DISCCART	393000.00	3743500.00	18.00
RE DISCCART	393000.00	3744000.00	18.00
RE DISCCART	393500.00	3736000.00	7.30
RE DISCCART	393500.00	3736500.00	14.00
RE DISCCART	393500.00	3737000.00	18.90
RE DISCCART	393500.00	3737500.00	13.40
RE DISCCART	393500.00	3738000.00	14.00
RE DISCCART	393500.00	3738500.00	11.90
RE DISCCART	393500.00	3739000.00	23.30
RE DISCCART	393500.00	3740000.00	15.80
RE DISCCART	393500.00	3740500.00	15.20
RE DISCCART	393500.00	3741000.00	14.00
RE DISCCART	393500.00	3741500.00	13.30
RE DISCCART	393500.00	3742000.00	13.10
RE DISCCART	393500.00	3742500.00	14.00
RE DISCCART	393500.00	3743000.00	15.50
RE DISCCART	393500.00	3743500.00	18.00
RE DISCCART	393500.00	3744000.00	14.90
RE DISCCART	394000.00	3736000.00	5.30
RE DISCCART	394000.00	3736500.00	14.30
RE DISCCART	394000.00	3737000.00	18.90
RE DISCCART	394000.00	3737500.00	13.70
RE DISCCART	394000.00	3738000.00	5.70
RE DISCCART	394000.00	3738500.00	6.70
RE DISCCART	394000.00	3739000.00	22.90
RE DISCCART	394000.00	3740000.00	9.10
RE DISCCART	394000.00	3740500.00	11.00
RE DISCCART	394000.00	3741000.00	6.40
RE DISCCART	394000.00	3741500.00	10.10
RE DISCCART	394000.00	3742000.00	11.00
RE DISCCART	394000.00	3742500.00	11.00
RE DISCCART	394000.00	3743000.00	14.90
RE DISCCART	394000.00	3743500.00	14.00
RE DISCCART	394000.00	3744000.00	14.00
RE DISCCART	394500.00	3736000.00	3.00
RE DISCCART	394500.00	3736500.00	15.80
RE DISCCART	394500.00	3737000.00	14.90
RE DISCCART	394500.00	3737500.00	3.00
RE DISCCART	394500.00	3738000.00	7.00
RE DISCCART	394500.00	3738500.00	7.00
RE DISCCART	394500.00	3739000.00	3.00
RE DISCCART	394500.00	3740000.00	6.10
RE DISCCART	394500.00	3740500.00	4.90
RE DISCCART	394500.00	3741000.00	10.10
RE DISCCART	394500.00	3741500.00	7.90
RE DISCCART	394500.00	3742000.00	10.10
RE DISCCART	394500.00	3742500.00	10.10
RE DISCCART	394500.00	3743000.00	11.90
RE DISCCART	394500.00	3743500.00	11.90
RE DISCCART	394500.00	3744000.00	11.90
RE DISCCART	395000.00	3735500.00	3.00
RE DISCCART	395000.00	3736000.00	3.00
RE DISCCART	395000.00	3736500.00	8.30
RE DISCCART	395000.00	3737000.00	6.70
RE DISCCART	395000.00	3737500.00	3.00
RE DISCCART	395000.00	3738000.00	14.00
RE DISCCART	395000.00	3738500.00	11.30
RE DISCCART	395000.00	3739000.00	3.00
RE DISCCART	395000.00	3740000.00	3.00
RE DISCCART	395000.00	3740500.00	3.00
RE DISCCART	395000.00	3741000.00	3.00
RE DISCCART	395000.00	3741500.00	6.10
RE DISCCART	395000.00	3742000.00	8.50
RE DISCCART	395000.00	3742500.00	9.10
RE DISCCART	395000.00	3743000.00	11.00
RE DISCCART	395000.00	3743500.00	11.90
RE DISCCART	395000.00	3744000.00	9.40

RE FINISHED

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ME INPUTFIL longbch.asc
ME ANEMHGHT 10.0000
ME SURFDATA 53101 1981
ME UAIRDATA 91919 1981
ME FINISHED

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OU MAXTABLE Allave 20
OU PLOTFILE period all a2hfad.plt
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*** ISCST3 - VERSION 02035 ***
 08/15/04

*** Pier J South, 75-Acre Alt. HRA Addendum 2004
 *** Fenceline and Near Grid

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 **MODELOPTS:
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NOCALM

*** POINT SOURCE DATA ***

EMISSION RATE SOURCE VARY	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	NUMBER		BASE	STACK	STACK	STACK	STACK	BUILDING	SCALAR
			X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		BY	
1	0	0.52800E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO	
2	0	0.92000E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO	
3	0	0.92000E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO	
4	0	0.92000E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004

*** Fenceline and Near Grid

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**MODELOPTs:

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URBAN ELEV

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.19100E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.19100E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.19100E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
8	0	0.19100E-02	389796.0	3733810.0	0.0	2.50	205.58	2.32	
10	0	0.19100E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.19100E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.19100E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.33900E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.33900E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.33900E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.33900E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.33900E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.33900E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.33900E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.33900E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.33900E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.33900E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.33900E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.33900E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.33900E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.33900E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.33900E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.33900E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.33900E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.33900E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.33900E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.33900E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.33900E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.25900E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.25900E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.25900E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.25900E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

*** ISCT3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004

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*** Fenceline and Near Grid

**MODELOPTs:

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URBAN ELEV

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.02415 AT (388466.00, 3736711.00,	1.00, 0.00) DC	NA
	2ND HIGHEST VALUE IS	0.02410 AT (388465.00, 3736808.00,	2.00, 0.00) DC	NA
	3RD HIGHEST VALUE IS	0.02405 AT (388466.00, 3736808.00,	2.00, 0.00) DC	NA
	4TH HIGHEST VALUE IS	0.02353 AT (388466.00, 3736904.00,	2.00, 0.00) DC	NA
	5TH HIGHEST VALUE IS	0.02353 AT (388466.00, 3736904.00,	2.00, 0.00) DC	NA
	6TH HIGHEST VALUE IS	0.02344 AT (388524.00, 3736629.00,	1.00, 0.00) DC	NA
	7TH HIGHEST VALUE IS	0.02327 AT (388471.00, 3737389.00,	2.00, 0.00) DC	NA
	8TH HIGHEST VALUE IS	0.02327 AT (388471.00, 3737389.00,	2.00, 0.00) DC	NA
	9TH HIGHEST VALUE IS	0.02321 AT (388467.00, 3737001.00,	2.00, 0.00) DC	NA
	10TH HIGHEST VALUE IS	0.02321 AT (388467.00, 3737001.00,	2.00, 0.00) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 *** *** Pier J South, 75-Acre Alt. HRA Addendum 2004
08/15/04 *** Fenceline and Near Grid

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 62 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 63 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 3059 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

*** ISCST3 - VERSION 02035 *** *** Pier J South, 75-Acre Alt. HRA Addendum 2004 ***
08/16/04

18:14:39 *** Census Tracts and Sensitive Receptors ***

**MODELOPTs:

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URBAN ELEV

NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates PERIOD Averages Only

**This Run Includes: 36 Source(s); 1 Source Group(s); and 78 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.2 MB of RAM.

**Input Runstream File: isca2csa.txt

**Output Print File: isca2csa.out

*** ISCST3 - VERSION 02035 ***
08/16/04

*** Pier J South, 75-Acre Alt. HRA Addendum 2004
*** Census Tracts and Sensitive Receptors

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** POINT SOURCE DATA ***

EMISSION RATE		NUMBER	EMISSION RATE		BASE	STACK	STACK	STACK	STACK	BUILDING	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	SCALAR
VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)	BY	
1	0	0.52800E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO	
2	0	0.92000E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO	
3	0	0.92000E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO	
4	0	0.92000E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO	

*** ISCST3 - VERSION 02035 ***
08/16/04

*** Pier J South, 75-Acre Alt. HRA Addendum 2004 ***
*** Census Tracts and Sensitive Receptors ***

18:14:39
**MODELOPTs:
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URBAN ELEV

NOCALM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.19100E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.19100E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.19100E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
8	0	0.19100E-02	389796.0	3733810.0	0.0	2.50	205.58	2.32	
10	0	0.19100E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.19100E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.19100E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.33900E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.33900E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.33900E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.33900E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.33900E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.33900E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.33900E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.33900E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.33900E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.33900E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.33900E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.33900E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.33900E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.33900E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.33900E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.33900E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.33900E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.33900E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.33900E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.33900E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.33900E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.25900E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.25900E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.25900E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.25900E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004

*** Census Tracts and Sensitive Receptors

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**MODELOPTs:

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URBAN ELEV

NOCALM

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01530 AT (388932.47, 3736399.75,	3.60, 0.00) DC	NA
	2ND HIGHEST VALUE IS	0.01445 AT (388711.66, 3737632.25,	3.90, 0.00) DC	NA
	3RD HIGHEST VALUE IS	0.01314 AT (388662.44, 3738309.50,	4.30, 0.00) DC	NA
	4TH HIGHEST VALUE IS	0.01256 AT (388804.00, 3737828.00,	4.00, 0.00) DC	NA
	5TH HIGHEST VALUE IS	0.00896 AT (389312.56, 3737559.00,	9.80, 0.00) DC	NA
	6TH HIGHEST VALUE IS	0.00846 AT (389134.25, 3738304.00,	10.10, 0.00) DC	NA
	7TH HIGHEST VALUE IS	0.00712 AT (390083.72, 3736276.00,	4.50, 0.00) DC	NA
	8TH HIGHEST VALUE IS	0.00701 AT (389453.75, 3738294.75,	11.00, 0.00) DC	NA
	9TH HIGHEST VALUE IS	0.00621 AT (389785.00, 3738063.00,	11.00, 0.00) DC	NA
	10TH HIGHEST VALUE IS	0.00569 AT (390120.09, 3737550.25,	9.10, 0.00) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 ***
08/16/04

*** Pier J South, 75-Acre Alt. HRA Addendum 2004
*** Census Tracts and Sensitive Receptors

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 62 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 63 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 179 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

*** ISCST3 - VERSION 02035 *** *** Pier J South, 75-Acre Alt. HRA Addendum 2004 ***
08/16/04 *** Hotel and Far Field ***

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**MODELOPTS:
PAGE 1
CONC

URBAN ELEV NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Not Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates PERIOD Averages Only

**This Run Includes: 36 Source(s); 1 Source Group(s); and 465 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

- Model Outputs Tables of PERIOD Averages by Receptor
- Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: isca2hfa.txt

**Output Print File: isca2hfa.out

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004

*** Hotel and Far Field

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** POINT SOURCE DATA ***

EMISSION RATE		NUMBER	EMISSION RATE			BASE	STACK	STACK	STACK	STACK	BUILDING	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	SCALAR	
VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		BY	
	1	0	0.52800E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO	
	2	0	0.92000E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO	
	3	0	0.92000E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO	
	4	0	0.92000E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004
*** Hotel and Far Field

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URBAN ELEV

NOCALM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.19100E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.19100E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.19100E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
8	0	0.19100E-02	389796.0	3733810.0	0.0	2.50	205.58	2.32	
10	0	0.19100E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.19100E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.19100E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.33900E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.33900E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.33900E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.33900E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.33900E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.33900E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.33900E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.33900E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.33900E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.33900E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.33900E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.33900E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.33900E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.33900E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.33900E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.33900E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.33900E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.33900E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.33900E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.33900E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.33900E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.25900E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.25900E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.25900E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.25900E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 75-Acre Alt. HRA Addendum 2004
*** Hotel and Far Field

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**MODELOPTS:
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CONC

URBAN ELEV

NOCALM

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01722 AT (389686.00, 3735452.00,	0.00, 0.00)	DC NA
	2ND HIGHEST VALUE IS	0.01666 AT (389729.00, 3735435.00,	0.00, 0.00)	DC NA
	3RD HIGHEST VALUE IS	0.01626 AT (389772.00, 3735413.00,	0.00, 0.00)	DC NA
	4TH HIGHEST VALUE IS	0.01587 AT (389815.00, 3735391.00,	0.00, 0.00)	DC NA
	5TH HIGHEST VALUE IS	0.01529 AT (389858.00, 3735374.00,	0.00, 0.00)	DC NA
	6TH HIGHEST VALUE IS	0.01485 AT (389896.00, 3735357.00,	0.00, 0.00)	DC NA
	7TH HIGHEST VALUE IS	0.01454 AT (389928.00, 3735341.00,	0.00, 0.00)	DC NA
	8TH HIGHEST VALUE IS	0.01415 AT (389966.00, 3735324.00,	0.00, 0.00)	DC NA
	9TH HIGHEST VALUE IS	0.00613 AT (395000.00, 3735500.00,	3.00, 0.00)	DC NA
	10TH HIGHEST VALUE IS	0.00412 AT (393500.00, 3736000.00,	7.30, 0.00)	DC NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 *** *** Pier J South, 75-Acre Alt. HRA Addendum 2004 ***
08/16/04 *** Hotel and Far Field ***
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**MODELOPTs:
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CONC URBAN ELEV NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 62 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 63 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 566 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

NO ECHO

CO STARTING
CO TITLEONE Pier J South, 52-Acre Alt. HRA Addendum 2004
CO TITLETWO Fenceline and Near Grid
CO MODELOPT CONC URBAN NOCALM
CO AVERTIME PERIOD
CO POLLUTID TOX
CO TERRHGTS ELEV
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS

** Source Location Cards:

** SRCID	SRCTYP	XS	YS	ZS
SO LOCATION 1	Point	388639.00	3734058.00	0.00
SO LOCATION 2	Point	388163.00	3733900.00	0.00
SO LOCATION 3	Point	389060.00	3732690.00	0.00
SO LOCATION 4	Point	389919.00	3732016.00	0.00
SO LOCATION 5	Volume	388470.00	3733810.00	0.00
SO LOCATION 6	Volume	388912.00	3733810.00	0.00
SO LOCATION 7	Volume	389354.00	3733810.00	0.00
SO LOCATION 9	Volume	388912.00	3733368.00	0.00
SO LOCATION 10	Volume	389354.00	3733368.00	0.00
SO LOCATION 11	Volume	389796.00	3733368.00	0.00
SO LOCATION 12	Volume	389796.00	3734252.00	0.00
SO LOCATION 13	Volume	389739.00	3734573.00	0.00
SO LOCATION 14	Volume	389725.00	3734773.00	0.00
SO LOCATION 15	Volume	389683.00	3734973.00	0.00
SO LOCATION 16	Volume	389534.00	3735173.00	3.00
SO LOCATION 17	Volume	389347.00	3735373.00	5.00
SO LOCATION 18	Volume	389055.00	3735573.00	3.00
SO LOCATION 19	Volume	388767.00	3735773.00	4.00
SO LOCATION 20	Volume	388583.00	3735973.00	3.00
SO LOCATION 21	Volume	388391.00	3736173.00	3.00
SO LOCATION 22	Volume	388364.00	3736373.00	3.00
SO LOCATION 23	Volume	388258.00	3736573.00	5.00
SO LOCATION 24	Volume	388169.00	3736773.00	6.00
SO LOCATION 25	Volume	388160.00	3736973.00	5.00
SO LOCATION 26	Volume	388164.00	3737173.00	3.00
SO LOCATION 27	Volume	388191.00	3737373.00	3.00
SO LOCATION 28	Volume	388210.00	3737573.00	3.00
SO LOCATION 29	Volume	388207.00	3737773.00	5.00
SO LOCATION 30	Volume	388209.00	3737973.00	6.00
SO LOCATION 31	Volume	388185.00	3738173.00	8.00
SO LOCATION 32	Volume	388174.00	3738373.00	3.00
SO LOCATION 33	Volume	388186.00	3738573.00	3.00
SO LOCATION 34	Volume	387876.00	3738249.00	3.00
SO LOCATION 35	Volume	387591.00	3738333.00	3.00
SO LOCATION 36	Volume	387283.00	3738424.00	3.00
SO LOCATION 37	Volume	387003.00	3738492.00	3.00

** POINT: SRCID QS HS TS VS DS
** VOLUME: SRCID QS HS SYINIT SZINIT

SO SRCPARAM 1	3.64e-2	37.60	495.00	25.8	2.01
SO SRCPARAM 2	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 3	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 4	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 5	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 6	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 7	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 9	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 10	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 11	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 12	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 13	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 14	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 15	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 16	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 17	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 18	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 19	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 20	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 21	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 22	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 23	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 24	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 25	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 26	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 27	3.60e-4	2.50	93.02	2.320	

SO SRCPARAM	28	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	29	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	30	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	31	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	32	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	33	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	34	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	35	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	36	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	37	2.01e-5	2.50	139.53	2.320

SO SRCGROUP all all
SO FINISHED

RE STARTING
RE ELEVUNIT METERS

**FENCELINE

RE DISCCART	384324.0	3735785.0	3.0
RE DISCCART	384357.0	3735692.0	3.0
RE DISCCART	384390.0	3735599.0	3.0
RE DISCCART	384415.0	3735819.0	3.0
RE DISCCART	384424.0	3735506.0	3.0
RE DISCCART	384457.0	3735413.0	3.0
RE DISCCART	384490.0	3735320.0	3.0
RE DISCCART	384507.0	3735853.0	3.0
RE DISCCART	384599.0	3735887.0	3.0
RE DISCCART	384660.0	3736696.0	0.0
RE DISCCART	384691.0	3735921.0	3.0
RE DISCCART	384709.0	3736616.0	3.0
RE DISCCART	384733.0	3736760.0	0.0
RE DISCCART	384759.0	3736536.0	3.0
RE DISCCART	384782.0	3735955.0	3.0
RE DISCCART	384806.0	3736825.0	0.0
RE DISCCART	384809.0	3736456.0	3.0
RE DISCCART	384859.0	3736377.0	3.0
RE DISCCART	384874.0	3735989.0	3.0
RE DISCCART	384880.0	3736890.0	0.0
RE DISCCART	384908.0	3736297.0	3.0
RE DISCCART	384953.0	3736955.0	1.0
RE DISCCART	384958.0	3736217.0	3.0
RE DISCCART	384966.0	3736023.0	3.0
RE DISCCART	385008.0	3736137.0	3.0
RE DISCCART	385027.0	3737020.0	3.0
RE DISCCART	385058.0	3736058.0	3.0
RE DISCCART	385100.0	3737085.0	3.0
RE DISCCART	385174.0	3737150.0	3.0
RE DISCCART	385247.0	3737215.0	3.0
RE DISCCART	385321.0	3737279.0	3.0
RE DISCCART	385394.0	3737344.0	3.0
RE DISCCART	385468.0	3737409.0	3.0
RE DISCCART	385541.0	3737474.0	3.0
RE DISCCART	385615.0	3737539.0	3.0
RE DISCCART	385688.0	3737604.0	3.0
RE DISCCART	385762.0	3737669.0	3.0
RE DISCCART	385835.0	3737734.0	3.0
RE DISCCART	385909.0	3737798.0	3.0
RE DISCCART	385982.0	3737863.0	3.0
RE DISCCART	386055.0	3737928.0	3.0
RE DISCCART	386129.0	3737993.0	3.0
RE DISCCART	386202.0	3738058.0	3.0
RE DISCCART	386276.0	3738123.0	3.0
RE DISCCART	386349.0	3738188.0	3.0
RE DISCCART	386423.0	3738253.0	3.0
RE DISCCART	386496.0	3738317.0	3.0
RE DISCCART	386570.0	3738382.0	3.0
RE DISCCART	386643.0	3738447.0	3.0
RE DISCCART	386717.0	3738512.0	3.0
RE DISCCART	386790.0	3738577.0	3.0
RE DISCCART	386864.0	3738642.0	3.0
RE DISCCART	386937.0	3738707.0	3.0
RE DISCCART	387011.0	3738772.0	3.0
RE DISCCART	387109.0	3738770.0	3.0
RE DISCCART	387207.0	3738768.0	3.0
RE DISCCART	387306.0	3738767.0	3.0
RE DISCCART	387404.0	3738765.0	3.0
RE DISCCART	387503.0	3738763.0	3.0
RE DISCCART	387601.0	3738762.0	3.0
RE DISCCART	387699.0	3738760.0	3.0
RE DISCCART	387798.0	3738758.0	3.0
RE DISCCART	387896.0	3738757.0	3.0

RE DISCCART	387995.0	3738755.0	3.0
RE DISCCART	388093.0	3738753.0	3.0
RE DISCCART	388203.0	3738750.0	6.0
RE DISCCART	388388.0	3738748.0	0.0
RE DISCCART	388466.0	3736711.0	1.0
RE DISCCART	388466.0	3736808.0	2.0
RE DISCCART	388466.0	3736904.0	2.0
RE DISCCART	388467.0	3737001.0	2.0
RE DISCCART	388468.0	3737098.0	2.0
RE DISCCART	388469.0	3737195.0	2.0
RE DISCCART	388470.0	3737292.0	2.0
RE DISCCART	388471.0	3737389.0	2.0
RE DISCCART	388472.0	3737486.0	2.0
RE DISCCART	388473.0	3737583.0	2.0
RE DISCCART	388475.0	3737680.0	3.0
RE DISCCART	388476.0	3737777.0	3.0
RE DISCCART	388477.0	3737874.0	3.0
RE DISCCART	388478.0	3737971.0	3.0
RE DISCCART	388479.0	3738068.0	3.0
RE DISCCART	388480.0	3738165.0	0.0
RE DISCCART	388481.0	3738262.0	0.0
RE DISCCART	388482.0	3738359.0	0.0
RE DISCCART	388483.0	3738456.0	1.0
RE DISCCART	388484.0	3738553.0	1.0
RE DISCCART	388485.0	3738650.0	1.0
RE DISCCART	388487.0	3738747.0	1.0

** Near Grid

RE DISCCART	382424.0	3735229.0	0.0
RE DISCCART	382424.0	3735329.0	0.0
RE DISCCART	382424.0	3735429.0	0.0
RE DISCCART	382424.0	3735529.0	0.0
RE DISCCART	382424.0	3735629.0	0.0
RE DISCCART	382424.0	3735729.0	0.0
RE DISCCART	382424.0	3735829.0	0.0
RE DISCCART	382424.0	3735929.0	0.0
RE DISCCART	382424.0	3736029.0	0.0
RE DISCCART	382424.0	3736129.0	0.0
RE DISCCART	382424.0	3736229.0	0.0
RE DISCCART	382424.0	3736329.0	0.0
RE DISCCART	382524.0	3734929.0	0.0
RE DISCCART	382524.0	3735029.0	0.0
RE DISCCART	382524.0	3735129.0	0.0
RE DISCCART	382524.0	3735229.0	0.0
RE DISCCART	382524.0	3735329.0	0.0
RE DISCCART	382524.0	3735429.0	0.0
RE DISCCART	382524.0	3735529.0	0.0
RE DISCCART	382524.0	3735629.0	0.0
RE DISCCART	382524.0	3735729.0	0.0
RE DISCCART	382524.0	3735829.0	0.0
RE DISCCART	382524.0	3735929.0	0.0
RE DISCCART	382524.0	3736029.0	0.0
RE DISCCART	382524.0	3736129.0	0.0
RE DISCCART	382524.0	3736229.0	0.0
RE DISCCART	382524.0	3736329.0	0.0
RE DISCCART	382524.0	3736429.0	0.0
RE DISCCART	382524.0	3736529.0	0.0
RE DISCCART	382524.0	3736629.0	0.0
RE DISCCART	382624.0	3734629.0	0.0
RE DISCCART	382624.0	3734729.0	0.0
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RE DISCCART	382624.0	3735229.0	0.0
RE DISCCART	382624.0	3735329.0	0.0
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RE DISCCART	382624.0	3735529.0	0.0
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RE DISCCART	382624.0	3735729.0	0.0
RE DISCCART	382624.0	3735829.0	0.0
RE DISCCART	382624.0	3735929.0	0.0
RE DISCCART	382624.0	3736029.0	0.0
RE DISCCART	382624.0	3736129.0	0.0
RE DISCCART	382624.0	3736229.0	0.0
RE DISCCART	382624.0	3736329.0	0.0
RE DISCCART	382624.0	3736429.0	0.0
RE DISCCART	382624.0	3736529.0	0.0
RE DISCCART	382624.0	3736629.0	0.0
RE DISCCART	382624.0	3736729.0	0.0
RE DISCCART	382624.0	3736829.0	0.0

RE DISCCART	384624.0	3736429.0	3.0
RE DISCCART	384624.0	3736529.0	3.0
RE DISCCART	384624.0	3736629.0	0.0
RE DISCCART	384624.0	3736729.0	0.0
RE DISCCART	384624.0	3736829.0	0.0
RE DISCCART	384624.0	3736929.0	3.0
RE DISCCART	384624.0	3737029.0	3.0
RE DISCCART	384624.0	3737129.0	3.0
RE DISCCART	384624.0	3737229.0	3.0
RE DISCCART	384624.0	3737329.0	3.0
RE DISCCART	384624.0	3737429.0	3.0
RE DISCCART	384624.0	3737529.0	3.0
RE DISCCART	384624.0	3737629.0	3.0
RE DISCCART	384624.0	3737729.0	2.0
RE DISCCART	384624.0	3737829.0	0.0
RE DISCCART	384624.0	3737929.0	0.0
RE DISCCART	384624.0	3738029.0	3.0
RE DISCCART	384624.0	3738129.0	3.0
RE DISCCART	384624.0	3738229.0	3.0
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RE DISCCART	384624.0	3738429.0	3.0
RE DISCCART	384624.0	3738529.0	3.0
RE DISCCART	384624.0	3738629.0	3.0
RE DISCCART	384624.0	3738729.0	3.0
RE DISCCART	384624.0	3738829.0	3.0
RE DISCCART	384624.0	3738929.0	3.0
RE DISCCART	384624.0	3739029.0	5.0
RE DISCCART	384624.0	3739129.0	5.0
RE DISCCART	384624.0	3739229.0	4.0
RE DISCCART	384624.0	3739329.0	5.0
RE DISCCART	384660.0	3736696.0	0.0
RE DISCCART	384691.0	3735921.0	3.0
RE DISCCART	384709.0	3736616.0	3.0
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RE DISCCART	384724.0	3736429.0	3.0
RE DISCCART	384724.0	3736529.0	3.0
RE DISCCART	384724.0	3736829.0	0.0
RE DISCCART	384724.0	3736929.0	3.0
RE DISCCART	384724.0	3737029.0	3.0
RE DISCCART	384724.0	3737129.0	3.0
RE DISCCART	384724.0	3737229.0	3.0
RE DISCCART	384724.0	3737329.0	3.0
RE DISCCART	384724.0	3737429.0	3.0
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RE DISCCART	384724.0	3737629.0	3.0
RE DISCCART	384724.0	3737729.0	3.0
RE DISCCART	384724.0	3737829.0	0.0
RE DISCCART	384724.0	3737929.0	0.0
RE DISCCART	384724.0	3738029.0	3.0
RE DISCCART	384724.0	3738129.0	3.0
RE DISCCART	384724.0	3738229.0	3.0
RE DISCCART	384724.0	3738329.0	3.0
RE DISCCART	384724.0	3738429.0	3.0
RE DISCCART	384724.0	3738529.0	3.0
RE DISCCART	384724.0	3738629.0	3.0
RE DISCCART	384724.0	3738729.0	3.0
RE DISCCART	384724.0	3738829.0	3.0
RE DISCCART	384724.0	3738929.0	3.0
RE DISCCART	384724.0	3739029.0	5.0
RE DISCCART	384724.0	3739129.0	5.0
RE DISCCART	384724.0	3739229.0	4.0
RE DISCCART	384724.0	3739329.0	4.0
RE DISCCART	384733.0	3736760.0	0.0
RE DISCCART	384759.0	3736536.0	3.0
RE DISCCART	384782.0	3735955.0	3.0
RE DISCCART	384806.0	3736825.0	0.0
RE DISCCART	384809.0	3736456.0	3.0
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RE DISCCART	384824.0	3736329.0	3.0
RE DISCCART	384824.0	3736429.0	3.0
RE DISCCART	384824.0	3736929.0	0.0
RE DISCCART	384824.0	3737029.0	3.0
RE DISCCART	384824.0	3737129.0	3.0
RE DISCCART	384824.0	3737229.0	3.0
RE DISCCART	384824.0	3737329.0	3.0
RE DISCCART	384824.0	3737429.0	3.0

RE DISCCART	384824.0	3737529.0	3.0
RE DISCCART	384824.0	3737629.0	3.0
RE DISCCART	384824.0	3737729.0	3.0
RE DISCCART	384824.0	3737829.0	3.0
RE DISCCART	384824.0	3737929.0	0.0
RE DISCCART	384824.0	3738029.0	0.0
RE DISCCART	384824.0	3738129.0	3.0
RE DISCCART	384824.0	3738229.0	3.0
RE DISCCART	384824.0	3738329.0	3.0
RE DISCCART	384824.0	3738429.0	3.0
RE DISCCART	384824.0	3738529.0	3.0
RE DISCCART	384824.0	3738629.0	3.0
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RE DISCCART	384824.0	3738929.0	3.0
RE DISCCART	384824.0	3739029.0	4.0
RE DISCCART	384824.0	3739129.0	5.0
RE DISCCART	384824.0	3739229.0	4.0
RE DISCCART	384824.0	3739329.0	4.0
RE DISCCART	384824.0	3739429.0	5.0
RE DISCCART	384859.0	3736377.0	3.0
RE DISCCART	384874.0	3735989.0	3.0
RE DISCCART	384880.0	3736890.0	0.0
RE DISCCART	384908.0	3736297.0	3.0
RE DISCCART	384924.0	3736029.0	3.0
RE DISCCART	384924.0	3736129.0	3.0
RE DISCCART	384924.0	3736229.0	3.0
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RE DISCCART	384924.0	3737329.0	3.0
RE DISCCART	384924.0	3737429.0	3.0
RE DISCCART	384924.0	3737529.0	3.0
RE DISCCART	384924.0	3737629.0	3.0
RE DISCCART	384924.0	3737729.0	3.0
RE DISCCART	384924.0	3737829.0	3.0
RE DISCCART	384924.0	3737929.0	3.0
RE DISCCART	384924.0	3738029.0	0.0
RE DISCCART	384924.0	3738129.0	0.0
RE DISCCART	384924.0	3738229.0	3.0
RE DISCCART	384924.0	3738329.0	3.0
RE DISCCART	384924.0	3738429.0	3.0
RE DISCCART	384924.0	3738529.0	3.0
RE DISCCART	384924.0	3738629.0	3.0
RE DISCCART	384924.0	3738729.0	3.0
RE DISCCART	384924.0	3738829.0	3.0
RE DISCCART	384924.0	3738929.0	3.0
RE DISCCART	384924.0	3739029.0	4.0
RE DISCCART	384924.0	3739129.0	4.0
RE DISCCART	384924.0	3739229.0	3.0
RE DISCCART	384924.0	3739329.0	4.0
RE DISCCART	384924.0	3739429.0	5.0
RE DISCCART	384924.0	3739529.0	6.0
RE DISCCART	384953.0	3736955.0	1.0
RE DISCCART	384958.0	3736217.0	3.0
RE DISCCART	384966.0	3736023.0	3.0
RE DISCCART	385008.0	3736137.0	3.0
RE DISCCART	385024.0	3737029.0	3.0
RE DISCCART	385024.0	3737129.0	3.0
RE DISCCART	385024.0	3737229.0	3.0
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RE DISCCART	385024.0	3737929.0	3.0
RE DISCCART	385024.0	3738029.0	2.0
RE DISCCART	385024.0	3738129.0	0.0
RE DISCCART	385024.0	3738229.0	3.0
RE DISCCART	385024.0	3738329.0	3.0
RE DISCCART	385024.0	3738429.0	3.0
RE DISCCART	385024.0	3738529.0	3.0
RE DISCCART	385024.0	3738629.0	3.0
RE DISCCART	385024.0	3738729.0	3.0
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RE DISCCART	385024.0	3739029.0	4.0
RE DISCCART	385024.0	3739129.0	4.0
RE DISCCART	385024.0	3739229.0	3.0
RE DISCCART	385024.0	3739329.0	4.0

RE DISCCART	385024.0	3739429.0	5.0
RE DISCCART	385024.0	3739529.0	6.0
RE DISCCART	385024.0	3739629.0	9.0
RE DISCCART	385027.0	3737020.0	3.0
RE DISCCART	385058.0	3736058.0	3.0
RE DISCCART	385100.0	3737085.0	3.0
RE DISCCART	385124.0	3737129.0	3.0
RE DISCCART	385124.0	3737229.0	3.0
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RE DISCCART	385124.0	3737429.0	3.0
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RE DISCCART	385124.0	3737829.0	3.0
RE DISCCART	385124.0	3737929.0	3.0
RE DISCCART	385124.0	3738029.0	3.0
RE DISCCART	385124.0	3738129.0	1.0
RE DISCCART	385124.0	3738229.0	3.0
RE DISCCART	385124.0	3738329.0	3.0
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RE DISCCART	385124.0	3738729.0	3.0
RE DISCCART	385124.0	3738829.0	3.0
RE DISCCART	385124.0	3738929.0	3.0
RE DISCCART	385124.0	3739029.0	4.0
RE DISCCART	385124.0	3739129.0	4.0
RE DISCCART	385124.0	3739229.0	3.0
RE DISCCART	385124.0	3739329.0	3.0
RE DISCCART	385124.0	3739429.0	4.0
RE DISCCART	385124.0	3739529.0	6.0
RE DISCCART	385124.0	3739629.0	8.0
RE DISCCART	385124.0	3739729.0	8.0
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RE DISCCART	385224.0	3737229.0	3.0
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RE DISCCART	385224.0	3737429.0	3.0
RE DISCCART	385224.0	3737529.0	3.0
RE DISCCART	385224.0	3737629.0	3.0
RE DISCCART	385224.0	3737729.0	3.0
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RE DISCCART	385224.0	3739029.0	3.0
RE DISCCART	385224.0	3739129.0	4.0
RE DISCCART	385224.0	3739229.0	3.0
RE DISCCART	385224.0	3739329.0	3.0
RE DISCCART	385224.0	3739429.0	4.0
RE DISCCART	385224.0	3739529.0	5.0
RE DISCCART	385224.0	3739629.0	8.0
RE DISCCART	385224.0	3739729.0	7.0
RE DISCCART	385224.0	3739829.0	7.0
RE DISCCART	385247.0	3737215.0	3.0
RE DISCCART	385321.0	3737279.0	3.0
RE DISCCART	385324.0	3737329.0	3.0
RE DISCCART	385324.0	3737429.0	3.0
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RE DISCCART	385324.0	3738329.0	3.0
RE DISCCART	385324.0	3738429.0	3.0
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RE DISCCART	385324.0	3738629.0	3.0
RE DISCCART	385324.0	3738729.0	3.0
RE DISCCART	385324.0	3738829.0	3.0
RE DISCCART	385324.0	3738929.0	3.0
RE DISCCART	385324.0	3739029.0	3.0

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RE DISCCART	388924.0	3739829.0	3.0
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RE DISCCART	388924.0	3740029.0	4.0
RE DISCCART	388924.0	3740129.0	3.0

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RE DISCCART	388924.0	3740429.0	4.0
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RE DISCCART	391224.0	3737029.0	11.0
RE DISCCART	391224.0	3737129.0	11.0
RE DISCCART	391224.0	3737229.0	12.0
RE DISCCART	391224.0	3737329.0	13.0
RE DISCCART	391324.0	3736429.0	0.0
RE DISCCART	391324.0	3736529.0	3.0
RE DISCCART	391324.0	3736629.0	3.0
RE DISCCART	391324.0	3736729.0	10.0
RE DISCCART	391324.0	3736829.0	14.0
RE DISCCART	391324.0	3736929.0	11.0
RE DISCCART	391324.0	3737029.0	11.0
RE DISCCART	391324.0	3737129.0	12.0
RE DISCCART	391324.0	3737229.0	13.0
RE DISCCART	391424.0	3736429.0	0.0
RE DISCCART	391424.0	3736529.0	3.0

RE DISCCART	391424.0	3736629.0	3.0
RE DISCCART	391424.0	3736729.0	10.0
RE DISCCART	391424.0	3736829.0	14.0
RE DISCCART	391424.0	3736929.0	11.0
RE DISCCART	391424.0	3737029.0	11.0
RE DISCCART	391424.0	3737129.0	13.0
RE DISCCART	391424.0	3737229.0	13.0
RE DISCCART	391524.0	3736429.0	0.0
RE DISCCART	391524.0	3736529.0	3.0
RE DISCCART	391524.0	3736629.0	6.0
RE DISCCART	391524.0	3736729.0	12.0
RE DISCCART	391524.0	3736829.0	14.0
RE DISCCART	391524.0	3736929.0	11.0
RE DISCCART	391524.0	3737029.0	12.0
RE DISCCART	391524.0	3737129.0	14.0
RE DISCCART	391624.0	3736429.0	0.0
RE DISCCART	391624.0	3736529.0	3.0
RE DISCCART	391624.0	3736629.0	13.0
RE DISCCART	391624.0	3736729.0	14.0
RE DISCCART	391624.0	3736829.0	14.0
RE DISCCART	391624.0	3736929.0	11.0
RE DISCCART	391624.0	3737029.0	12.0
RE DISCCART	391624.0	3737129.0	14.0
RE DISCCART	391724.0	3736429.0	0.0
RE DISCCART	391724.0	3736529.0	4.0
RE DISCCART	391724.0	3736629.0	15.0
RE DISCCART	391724.0	3736729.0	15.0
RE DISCCART	391724.0	3736829.0	14.0
RE DISCCART	391724.0	3736929.0	11.0
RE DISCCART	391724.0	3737029.0	12.0
RE DISCCART	391824.0	3736429.0	3.0
RE DISCCART	391824.0	3736529.0	7.0
RE DISCCART	391824.0	3736629.0	15.0
RE DISCCART	391824.0	3736729.0	16.0
RE DISCCART	391824.0	3736829.0	15.0
RE DISCCART	391824.0	3736929.0	12.0
RE DISCCART	391924.0	3736429.0	3.0
RE DISCCART	391924.0	3736529.0	9.0
RE DISCCART	391924.0	3736629.0	15.0
RE DISCCART	391924.0	3736729.0	16.0
RE DISCCART	391924.0	3736829.0	15.0
RE DISCCART	392024.0	3736429.0	3.0
RE DISCCART	392024.0	3736529.0	9.0
RE DISCCART	392024.0	3736629.0	13.0
RE DISCCART	392024.0	3736729.0	15.0
RE DISCCART	392124.0	3736429.0	3.0
RE DISCCART	392124.0	3736529.0	8.0
RE DISCCART	392124.0	3736629.0	12.0
RE DISCCART	392224.0	3736429.0	3.0
RE DISCCART	392224.0	3736529.0	7.0
RE DISCCART	392324.0	3736329.0	2.0
RE DISCCART	392518.0	3735278.0	2.0
RE DISCCART	392536.0	3735392.0	1.0
RE DISCCART	392551.0	3735316.0	3.0
RE DISCCART	392601.0	3735369.0	5.0
RE DISCCART	392626.0	3735239.0	3.0
RE DISCCART	392632.0	3735309.0	3.0
RE DISCCART	392682.0	3735390.0	3.0
RE DISCCART	392702.0	3735260.0	2.0
RE DISCCART	392714.0	3735352.0	2.0

RE FINISHED

ME STARTING
ME INPUTFIL longbch.asc
ME ANEMHGHT 10.0000
ME SURFDATA 53101 1981
ME UAIRDATA 91919 1981
ME FINISHED

OU STARTING
OU RECTABLE Allave first
OU MAXTABLE Allave 20
OU PLOTFILE period all a3fnad.plt

OU FINISHED

NO ECHO

CO STARTING
CO TITLEONE Pier J South, 52-Acre Alt. HRA Addendum 2004
CO TITLETWO Census Tracts and Sensitive Receptors
CO MODELOPT CONC URBAN NOCALM
CO AVERTIME PERIOD
CO POLLUTID TOX
CO TERRHGTS ELEV
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS

** Source Location Cards:

** SRCID	SRCTYP	XS	YS	ZS
SO LOCATION 1	Point	388639.00	3734058.00	0.00
SO LOCATION 2	Point	388163.00	3733900.00	0.00
SO LOCATION 3	Point	389060.00	3732690.00	0.00
SO LOCATION 4	Point	389919.00	3732016.00	0.00
SO LOCATION 5	Volume	388470.00	3733810.00	0.00
SO LOCATION 6	Volume	388912.00	3733810.00	0.00
SO LOCATION 7	Volume	389354.00	3733810.00	0.00
SO LOCATION 9	Volume	388912.00	3733368.00	0.00
SO LOCATION 10	Volume	389354.00	3733368.00	0.00
SO LOCATION 11	Volume	389796.00	3733368.00	0.00
SO LOCATION 12	Volume	389796.00	3734252.00	0.00
SO LOCATION 13	Volume	389739.00	3734573.00	0.00
SO LOCATION 14	Volume	389725.00	3734773.00	0.00
SO LOCATION 15	Volume	389683.00	3734973.00	0.00
SO LOCATION 16	Volume	389534.00	3735173.00	3.00
SO LOCATION 17	Volume	389347.00	3735373.00	5.00
SO LOCATION 18	Volume	389055.00	3735573.00	3.00
SO LOCATION 19	Volume	388767.00	3735773.00	4.00
SO LOCATION 20	Volume	388583.00	3735973.00	3.00
SO LOCATION 21	Volume	388391.00	3736173.00	3.00
SO LOCATION 22	Volume	388364.00	3736373.00	3.00
SO LOCATION 23	Volume	388258.00	3736573.00	5.00
SO LOCATION 24	Volume	388169.00	3736773.00	6.00
SO LOCATION 25	Volume	388160.00	3736973.00	5.00
SO LOCATION 26	Volume	388164.00	3737173.00	3.00
SO LOCATION 27	Volume	388191.00	3737373.00	3.00
SO LOCATION 28	Volume	388210.00	3737573.00	3.00
SO LOCATION 29	Volume	388207.00	3737773.00	5.00
SO LOCATION 30	Volume	388209.00	3737973.00	6.00
SO LOCATION 31	Volume	388185.00	3738173.00	8.00
SO LOCATION 32	Volume	388174.00	3738373.00	3.00
SO LOCATION 33	Volume	388186.00	3738573.00	3.00
SO LOCATION 34	Volume	387876.00	3738249.00	3.00
SO LOCATION 35	Volume	387591.00	3738333.00	3.00
SO LOCATION 36	Volume	387283.00	3738424.00	3.00
SO LOCATION 37	Volume	387003.00	3738492.00	3.00

** POINT: SRCID QS HS TS VS DS
** VOLUME: SRCID QS HS SYINIT SZINIT

SO SRCPARAM 1	3.64e-2	37.60	495.00	25.8	2.01
SO SRCPARAM 2	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 3	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 4	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 5	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 6	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 7	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 9	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 10	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 11	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 12	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 13	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 14	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 15	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 16	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 17	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 18	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 19	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 20	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 21	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 22	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 23	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 24	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 25	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 26	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 27	3.60e-4	2.50	93.02	2.320	

SO SRCPARAM	28 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	29 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	30 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	31 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	32 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	33 3.60e-4	2.50	93.02	2.320
SO SRCPARAM	34 2.01e-5	2.50	139.53	2.320
SO SRCPARAM	35 2.01e-5	2.50	139.53	2.320
SO SRCPARAM	36 2.01e-5	2.50	139.53	2.320
SO SRCPARAM	37 2.01e-5	2.50	139.53	2.320

SO SRCGROUP all all
SO FINISHED

RE STARTING

RE ELEVUNIT METERS

** Centroid Receptors

RE DISCCART	386807.86	3741460.88	4.00
RE DISCCART	384527.05	3739274.88	7.90
RE DISCCART	385032.26	3737594.32	3.00
RE DISCCART	382414.73	3736850.77	0.00
RE DISCCART	383985.70	3732349.61	0.00
RE DISCCART	387759.67	3740739.81	5.40
RE DISCCART	386945.94	3740350.33	3.00
RE DISCCART	387898.26	3739937.42	3.00
RE DISCCART	388935.26	3739914.21	3.00
RE DISCCART	389683.91	3739905.65	4.90
RE DISCCART	390272.87	3739093.64	9.10
RE DISCCART	388930.38	3739121.50	3.00
RE DISCCART	389667.08	3739096.21	4.00
RE DISCCART	387379.64	3739150.60	3.00
RE DISCCART	388662.43	3738309.47	4.30
RE DISCCART	389134.26	3738303.91	10.10
RE DISCCART	389453.76	3738294.71	11.00
RE DISCCART	388711.66	3737632.31	3.90
RE DISCCART	389312.55	3737558.90	9.80
RE DISCCART	388932.48	3736399.65	3.60
RE DISCCART	390083.73	3736276.04	4.50
RE DISCCART	390120.10	3737550.29	9.10
RE DISCCART	390120.83	3738287.02	11.00
RE DISCCART	390867.40	3738278.45	10.10
RE DISCCART	391272.90	3738273.80	9.10
RE DISCCART	390812.84	3737530.10	11.90
RE DISCCART	391288.46	3737486.17	10.10
RE DISCCART	391671.60	3737454.28	12.10
RE DISCCART	390756.18	3736744.72	7.00

** Sensitive Receptors

RE DISCCART	387224.00	3739079.00	3.00
RE DISCCART	387371.00	3740586.00	4.10
RE DISCCART	387703.00	3740429.00	4.90
RE DISCCART	388804.00	3737828.00	4.00
RE DISCCART	389063.00	3740136.00	4.00
RE DISCCART	389125.00	3738872.00	3.00
RE DISCCART	389383.00	3738961.00	4.90
RE DISCCART	389464.00	3739330.00	3.00
RE DISCCART	389785.00	3738063.00	11.00
RE DISCCART	390156.00	3739107.00	10.10
RE DISCCART	390172.00	3738244.00	10.20
RE DISCCART	390174.00	3738367.00	11.20
RE DISCCART	390347.00	3737687.00	10.30
RE DISCCART	391804.00	3736931.00	14.40
RE DISCCART	382000.00	3738000.00	7.90
RE DISCCART	382000.00	3739100.00	7.30
RE DISCCART	382900.00	3739300.00	7.90
RE DISCCART	382100.00	3740500.00	6.10
RE DISCCART	383300.00	3740000.00	3.70
RE DISCCART	384700.00	3739100.00	4.60
RE DISCCART	388000.00	3742200.00	7.90
RE DISCCART	387300.00	3741700.00	6.10
RE DISCCART	388900.00	3741900.00	7.00
RE DISCCART	389600.00	3741400.00	7.00
RE DISCCART	389300.00	3740900.00	6.10
RE DISCCART	389600.00	3741000.00	4.00
RE DISCCART	390100.00	3741500.00	15.60
RE DISCCART	390300.00	3740500.00	6.10
RE DISCCART	390500.00	3739200.00	7.00
RE DISCCART	390800.00	3737800.00	9.80
RE DISCCART	391000.00	3737700.00	11.90
RE DISCCART	391000.00	3738400.00	11.60
RE DISCCART	391400.00	3739300.00	3.00

RE DISCCART	393200.00	3736900.00	17.40
RE DISCCART	392200.00	3737500.00	13.10
RE DISCCART	392700.00	3737300.00	15.50
RE DISCCART	392800.00	3737700.00	11.90
RE DISCCART	393000.00	3738300.00	10.10
RE DISCCART	392800.00	3739300.00	22.60
RE DISCCART	393000.00	3739000.00	16.30
RE DISCCART	393800.00	3737900.00	7.90
RE DISCCART	394000.00	3737300.00	19.70
RE DISCCART	394300.00	3738000.00	3.00
RE DISCCART	394000.00	3738700.00	14.60
RE DISCCART	394100.00	3738700.00	13.90
RE DISCCART	394100.00	3739200.00	18.70
RE DISCCART	393500.00	3741000.00	14.00
RE DISCCART	393800.00	3741100.00	8.50
RE DISCCART	389500.00	3739500.00	3.00

RE FINISHED

ME STARTING
ME INPUTFIL longbch.asc
ME ANEMHGHT 10.0000
ME SURFDATA 53101 1981
ME UAIRDATA 91919 1981
ME FINISHED

OU STARTING
OU RECTABLE Allave first
OU MAXTABLE Allave 20
OU PLOTFILE period all a3csad.plt

OU FINISHED

NO ECHO

CO STARTING
CO TITLEONE Pier J South, 52-Acre Alt. HRA Addendum 2004
CO TITLETWO Hotel and Far Field
CO MODELOPT CONC URBAN NOCALM
CO AVERTIME PERIOD
CO POLLUTID TOX
CO TERRHGTS ELEV
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS

** Source Location Cards:

** SRCID	SRCTYP	XS	YS	ZS
SO LOCATION 1	Point	388639.00	3734058.00	0.00
SO LOCATION 2	Point	388163.00	3733900.00	0.00
SO LOCATION 3	Point	389060.00	3732690.00	0.00
SO LOCATION 4	Point	389919.00	3732016.00	0.00
SO LOCATION 5	Volume	388470.00	3733810.00	0.00
SO LOCATION 6	Volume	388912.00	3733810.00	0.00
SO LOCATION 7	Volume	389354.00	3733810.00	0.00
SO LOCATION 9	Volume	388912.00	3733368.00	0.00
SO LOCATION 10	Volume	389354.00	3733368.00	0.00
SO LOCATION 11	Volume	389796.00	3733368.00	0.00
SO LOCATION 12	Volume	389796.00	3734252.00	0.00
SO LOCATION 13	Volume	389739.00	3734573.00	0.00
SO LOCATION 14	Volume	389725.00	3734773.00	0.00
SO LOCATION 15	Volume	389683.00	3734973.00	0.00
SO LOCATION 16	Volume	389534.00	3735173.00	3.00
SO LOCATION 17	Volume	389347.00	3735373.00	5.00
SO LOCATION 18	Volume	389055.00	3735573.00	3.00
SO LOCATION 19	Volume	388767.00	3735773.00	4.00
SO LOCATION 20	Volume	388583.00	3735973.00	3.00
SO LOCATION 21	Volume	388391.00	3736173.00	3.00
SO LOCATION 22	Volume	388364.00	3736373.00	3.00
SO LOCATION 23	Volume	388258.00	3736573.00	5.00
SO LOCATION 24	Volume	388169.00	3736773.00	6.00
SO LOCATION 25	Volume	388160.00	3736973.00	5.00
SO LOCATION 26	Volume	388164.00	3737173.00	3.00
SO LOCATION 27	Volume	388191.00	3737373.00	3.00
SO LOCATION 28	Volume	388210.00	3737573.00	3.00
SO LOCATION 29	Volume	388207.00	3737773.00	5.00
SO LOCATION 30	Volume	388209.00	3737973.00	6.00
SO LOCATION 31	Volume	388185.00	3738173.00	8.00
SO LOCATION 32	Volume	388174.00	3738373.00	3.00
SO LOCATION 33	Volume	388186.00	3738573.00	3.00
SO LOCATION 34	Volume	387876.00	3738249.00	3.00
SO LOCATION 35	Volume	387591.00	3738333.00	3.00
SO LOCATION 36	Volume	387283.00	3738424.00	3.00
SO LOCATION 37	Volume	387003.00	3738492.00	3.00

** POINT: SRCID QS HS TS VS DS
** VOLUME: SRCID QS HS SYINIT SZINIT

SO SRCPARAM 1	3.64e-2	37.60	495.00	25.8	2.01
SO SRCPARAM 2	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 3	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 4	6.35e-3	37.60	495.00	25.8	2.01
SO SRCPARAM 5	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 6	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 7	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 9	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 10	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 11	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 12	1.87e-3	2.50	205.58	2.320	
SO SRCPARAM 13	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 14	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 15	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 16	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 17	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 18	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 19	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 20	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 21	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 22	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 23	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 24	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 25	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 26	3.60e-4	2.50	93.02	2.320	
SO SRCPARAM 27	3.60e-4	2.50	93.02	2.320	

SO SRCPARAM	28	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	29	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	30	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	31	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	32	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	33	3.60e-4	2.50	93.02	2.320
SO SRCPARAM	34	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	35	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	36	2.01e-5	2.50	139.53	2.320
SO SRCPARAM	37	2.01e-5	2.50	139.53	2.320

SO SRCGROUP all all
SO FINISHED

RE STARTING
RE ELEVUNIT METERS

**Hotel

RE DISCCART	389686.00	3735452.00	0.00
RE DISCCART	389729.00	3735435.00	0.00
RE DISCCART	389772.00	3735413.00	0.00
RE DISCCART	389815.00	3735391.00	0.00
RE DISCCART	389858.00	3735374.00	0.00
RE DISCCART	389896.00	3735357.00	0.00
RE DISCCART	389928.00	3735341.00	0.00
RE DISCCART	389966.00	3735324.00	0.00

** Far Grid

RE DISCCART	379000.00	3733000.00	78.00
RE DISCCART	379000.00	3733500.00	79.90
RE DISCCART	379000.00	3734000.00	77.40
RE DISCCART	379000.00	3734500.00	95.80
RE DISCCART	379000.00	3735000.00	92.00
RE DISCCART	379000.00	3735500.00	75.20
RE DISCCART	379000.00	3736000.00	56.90
RE DISCCART	379000.00	3736500.00	32.60
RE DISCCART	379000.00	3737000.00	41.80
RE DISCCART	379000.00	3737500.00	75.90
RE DISCCART	379000.00	3738000.00	78.60
RE DISCCART	379000.00	3738500.00	61.90
RE DISCCART	379000.00	3739000.00	26.80
RE DISCCART	379000.00	3739500.00	21.90
RE DISCCART	379000.00	3740000.00	17.70
RE DISCCART	379000.00	3740500.00	14.80
RE DISCCART	379000.00	3741000.00	19.30
RE DISCCART	379000.00	3741500.00	15.60
RE DISCCART	379000.00	3742000.00	15.20
RE DISCCART	379000.00	3742500.00	17.10
RE DISCCART	379000.00	3743000.00	15.80
RE DISCCART	379000.00	3743500.00	14.90
RE DISCCART	379000.00	3744000.00	14.00
RE DISCCART	379500.00	3733000.00	54.90
RE DISCCART	379500.00	3733500.00	54.90
RE DISCCART	379500.00	3734000.00	70.70
RE DISCCART	379500.00	3734500.00	79.20
RE DISCCART	379500.00	3735000.00	59.10
RE DISCCART	379500.00	3735500.00	50.30
RE DISCCART	379500.00	3736000.00	25.10
RE DISCCART	379500.00	3736500.00	21.00
RE DISCCART	379500.00	3737000.00	38.90
RE DISCCART	379500.00	3737500.00	66.80
RE DISCCART	379500.00	3738000.00	41.10
RE DISCCART	379500.00	3738500.00	32.70
RE DISCCART	379500.00	3739000.00	16.30
RE DISCCART	379500.00	3739500.00	21.00
RE DISCCART	379500.00	3740000.00	20.70
RE DISCCART	379500.00	3740500.00	13.10
RE DISCCART	379500.00	3741000.00	13.10
RE DISCCART	379500.00	3741500.00	14.30
RE DISCCART	379500.00	3742000.00	13.10
RE DISCCART	379500.00	3742500.00	13.10
RE DISCCART	379500.00	3743000.00	13.10
RE DISCCART	379500.00	3743500.00	14.00
RE DISCCART	379500.00	3744000.00	14.00
RE DISCCART	380000.00	3733000.00	34.20
RE DISCCART	380000.00	3733500.00	39.30
RE DISCCART	380000.00	3734000.00	50.60
RE DISCCART	380000.00	3734500.00	46.00
RE DISCCART	380000.00	3735000.00	39.30
RE DISCCART	380000.00	3735500.00	24.60
RE DISCCART	380000.00	3736000.00	10.70
RE DISCCART	380000.00	3736500.00	11.90

RE DISCCART	380000.00	3737000.00	41.60
RE DISCCART	380000.00	3737500.00	19.20
RE DISCCART	380000.00	3738000.00	9.10
RE DISCCART	380000.00	3738500.00	18.00
RE DISCCART	380000.00	3739000.00	11.20
RE DISCCART	380000.00	3739500.00	14.00
RE DISCCART	380000.00	3740000.00	14.00
RE DISCCART	380000.00	3740500.00	15.80
RE DISCCART	380000.00	3741000.00	13.10
RE DISCCART	380000.00	3741500.00	9.20
RE DISCCART	380000.00	3742000.00	12.00
RE DISCCART	380000.00	3742500.00	11.00
RE DISCCART	380000.00	3743000.00	11.90
RE DISCCART	380000.00	3743500.00	11.10
RE DISCCART	380000.00	3744000.00	11.00
RE DISCCART	380500.00	3733000.00	24.00
RE DISCCART	380500.00	3733500.00	28.00
RE DISCCART	380500.00	3734000.00	20.30
RE DISCCART	380500.00	3734500.00	32.60
RE DISCCART	380500.00	3735000.00	16.00
RE DISCCART	380500.00	3735500.00	0.20
RE DISCCART	380500.00	3736000.00	10.30
RE DISCCART	380500.00	3736500.00	15.60
RE DISCCART	380500.00	3737000.00	36.30
RE DISCCART	380500.00	3737500.00	41.10
RE DISCCART	380500.00	3738000.00	20.10
RE DISCCART	380500.00	3738500.00	1.30
RE DISCCART	380500.00	3739000.00	8.60
RE DISCCART	380500.00	3739500.00	3.70
RE DISCCART	380500.00	3740000.00	12.70
RE DISCCART	380500.00	3740500.00	11.90
RE DISCCART	380500.00	3741000.00	11.90
RE DISCCART	380500.00	3741500.00	4.60
RE DISCCART	380500.00	3742000.00	10.10
RE DISCCART	380500.00	3742500.00	9.10
RE DISCCART	380500.00	3743000.00	9.10
RE DISCCART	380500.00	3743500.00	9.10
RE DISCCART	380500.00	3744000.00	9.10
RE DISCCART	381000.00	3733000.00	17.40
RE DISCCART	381000.00	3733500.00	14.00
RE DISCCART	381000.00	3734000.00	15.20
RE DISCCART	381000.00	3734500.00	20.40
RE DISCCART	381000.00	3735000.00	0.00
RE DISCCART	381000.00	3735500.00	0.00
RE DISCCART	381000.00	3736000.00	2.10
RE DISCCART	381000.00	3736500.00	25.00
RE DISCCART	381000.00	3737000.00	31.70
RE DISCCART	381000.00	3737500.00	26.40
RE DISCCART	381000.00	3738000.00	13.10
RE DISCCART	381000.00	3738500.00	2.70
RE DISCCART	381000.00	3739000.00	10.40
RE DISCCART	381000.00	3739500.00	3.00
RE DISCCART	381000.00	3740000.00	4.00
RE DISCCART	381000.00	3740500.00	4.00
RE DISCCART	381000.00	3741000.00	4.00
RE DISCCART	381000.00	3741500.00	3.00
RE DISCCART	381000.00	3742000.00	7.00
RE DISCCART	381000.00	3742500.00	7.00
RE DISCCART	381000.00	3743000.00	7.90
RE DISCCART	381000.00	3743500.00	3.70
RE DISCCART	381000.00	3744000.00	7.90
RE DISCCART	381500.00	3733000.00	5.70
RE DISCCART	381500.00	3733500.00	7.40
RE DISCCART	381500.00	3734000.00	1.30
RE DISCCART	381500.00	3734500.00	0.90
RE DISCCART	381500.00	3735000.00	0.00
RE DISCCART	381500.00	3735500.00	0.00
RE DISCCART	381500.00	3736000.00	0.00
RE DISCCART	381500.00	3736500.00	3.00
RE DISCCART	381500.00	3737000.00	1.20
RE DISCCART	381500.00	3737500.00	6.20
RE DISCCART	381500.00	3738000.00	10.10
RE DISCCART	381500.00	3738500.00	5.60
RE DISCCART	381500.00	3739000.00	9.70
RE DISCCART	381500.00	3739500.00	6.10
RE DISCCART	381500.00	3740000.00	7.10
RE DISCCART	381500.00	3740500.00	4.30
RE DISCCART	381500.00	3741000.00	7.30
RE DISCCART	381500.00	3741500.00	6.70
RE DISCCART	381500.00	3742000.00	9.10
RE DISCCART	381500.00	3742500.00	7.90

RE DISCCART	381500.00	3743000.00	7.00
RE DISCCART	381500.00	3743500.00	7.00
RE DISCCART	381500.00	3744000.00	7.90
RE DISCCART	382000.00	3733000.00	0.00
RE DISCCART	382000.00	3733500.00	0.00
RE DISCCART	382000.00	3734000.00	0.10
RE DISCCART	382000.00	3734500.00	0.00
RE DISCCART	382000.00	3735000.00	0.90
RE DISCCART	382000.00	3735500.00	0.00
RE DISCCART	382000.00	3736000.00	0.00
RE DISCCART	382000.00	3736500.00	0.00
RE DISCCART	382000.00	3737000.00	1.30
RE DISCCART	382000.00	3737500.00	3.00
RE DISCCART	382000.00	3738000.00	7.90
RE DISCCART	382000.00	3738500.00	3.40
RE DISCCART	382000.00	3739000.00	6.90
RE DISCCART	382000.00	3739500.00	7.00
RE DISCCART	382000.00	3740000.00	6.10
RE DISCCART	382000.00	3740500.00	6.10
RE DISCCART	382000.00	3741000.00	6.10
RE DISCCART	382000.00	3741500.00	8.30
RE DISCCART	382000.00	3742000.00	7.90
RE DISCCART	382000.00	3742500.00	9.10
RE DISCCART	382000.00	3743000.00	6.10
RE DISCCART	382000.00	3743500.00	6.10
RE DISCCART	382000.00	3744000.00	7.90
RE DISCCART	382500.00	3733000.00	0.90
RE DISCCART	382500.00	3733500.00	0.00
RE DISCCART	382500.00	3734000.00	0.90
RE DISCCART	382500.00	3734500.00	0.90
RE DISCCART	382500.00	3735000.00	0.00
RE DISCCART	382500.00	3735500.00	0.00
RE DISCCART	382500.00	3736000.00	0.30
RE DISCCART	382500.00	3736500.00	0.90
RE DISCCART	382500.00	3737000.00	0.90
RE DISCCART	382500.00	3737500.00	0.90
RE DISCCART	382500.00	3738000.00	4.00
RE DISCCART	382500.00	3738500.00	8.70
RE DISCCART	382500.00	3739000.00	10.40
RE DISCCART	382500.00	3739500.00	7.00
RE DISCCART	382500.00	3740000.00	6.10
RE DISCCART	382500.00	3740500.00	7.00
RE DISCCART	382500.00	3741000.00	7.00
RE DISCCART	382500.00	3741500.00	6.40
RE DISCCART	382500.00	3742000.00	8.30
RE DISCCART	382500.00	3742500.00	7.90
RE DISCCART	382500.00	3743000.00	5.30
RE DISCCART	382500.00	3743500.00	4.90
RE DISCCART	382500.00	3744000.00	6.10
RE DISCCART	383000.00	3733000.00	0.00
RE DISCCART	383000.00	3738000.00	4.00
RE DISCCART	383000.00	3738500.00	4.90
RE DISCCART	383000.00	3739000.00	8.30
RE DISCCART	383000.00	3739500.00	7.90
RE DISCCART	383000.00	3740000.00	5.70
RE DISCCART	383000.00	3740500.00	7.00
RE DISCCART	383000.00	3741000.00	4.90
RE DISCCART	383000.00	3741500.00	7.00
RE DISCCART	383000.00	3742000.00	7.90
RE DISCCART	383000.00	3742500.00	6.10
RE DISCCART	383000.00	3743000.00	2.10
RE DISCCART	383000.00	3743500.00	3.00
RE DISCCART	383000.00	3744000.00	0.90
RE DISCCART	383500.00	3738500.00	4.00
RE DISCCART	383500.00	3739000.00	7.30
RE DISCCART	383500.00	3739500.00	7.00
RE DISCCART	383500.00	3740000.00	3.50
RE DISCCART	383500.00	3740500.00	7.00
RE DISCCART	383500.00	3741000.00	4.90
RE DISCCART	383500.00	3741500.00	5.30
RE DISCCART	383500.00	3742000.00	5.30
RE DISCCART	383500.00	3742500.00	3.00
RE DISCCART	383500.00	3743000.00	2.40
RE DISCCART	383500.00	3743500.00	0.00
RE DISCCART	383500.00	3744000.00	0.00
RE DISCCART	384000.00	3739000.00	5.30
RE DISCCART	384000.00	3739500.00	7.00
RE DISCCART	384000.00	3740000.00	3.00
RE DISCCART	384000.00	3740500.00	7.30
RE DISCCART	384000.00	3741000.00	3.00
RE DISCCART	384000.00	3741500.00	5.30

RE DISCCART	384000.00	3742000.00	4.00
RE DISCCART	384000.00	3742500.00	3.00
RE DISCCART	384000.00	3743000.00	2.40
RE DISCCART	384000.00	3743500.00	0.00
RE DISCCART	384000.00	3744000.00	0.90
RE DISCCART	384500.00	3739500.00	7.90
RE DISCCART	384500.00	3740000.00	13.70
RE DISCCART	384500.00	3740500.00	9.40
RE DISCCART	384500.00	3741000.00	11.00
RE DISCCART	384500.00	3741500.00	9.10
RE DISCCART	384500.00	3742000.00	8.20
RE DISCCART	384500.00	3742500.00	7.00
RE DISCCART	384500.00	3743000.00	3.00
RE DISCCART	384500.00	3743500.00	3.00
RE DISCCART	384500.00	3744000.00	3.00
RE DISCCART	385000.00	3740000.00	9.80
RE DISCCART	385000.00	3740500.00	6.00
RE DISCCART	385000.00	3741000.00	7.90
RE DISCCART	385000.00	3741500.00	9.00
RE DISCCART	385000.00	3742000.00	6.50
RE DISCCART	385000.00	3742500.00	7.90
RE DISCCART	385000.00	3743000.00	3.00
RE DISCCART	385000.00	3743500.00	3.00
RE DISCCART	385000.00	3744000.00	3.00
RE DISCCART	385500.00	3740500.00	7.00
RE DISCCART	385500.00	3741000.00	4.90
RE DISCCART	385500.00	3741500.00	7.60
RE DISCCART	385500.00	3742000.00	4.90
RE DISCCART	385500.00	3742500.00	4.90
RE DISCCART	385500.00	3743000.00	3.00
RE DISCCART	385500.00	3743500.00	4.00
RE DISCCART	385500.00	3744000.00	3.00
RE DISCCART	386000.00	3741000.00	7.00
RE DISCCART	386000.00	3741500.00	4.00
RE DISCCART	386000.00	3742000.00	5.70
RE DISCCART	386000.00	3742500.00	4.60
RE DISCCART	386000.00	3743000.00	3.00
RE DISCCART	386000.00	3743500.00	4.60
RE DISCCART	386000.00	3744000.00	3.00
RE DISCCART	386500.00	3741000.00	3.00
RE DISCCART	386500.00	3741500.00	4.90
RE DISCCART	386500.00	3742000.00	6.10
RE DISCCART	386500.00	3742500.00	6.70
RE DISCCART	386500.00	3743000.00	3.70
RE DISCCART	386500.00	3743500.00	6.70
RE DISCCART	386500.00	3744000.00	3.00
RE DISCCART	387000.00	3741000.00	4.00
RE DISCCART	387000.00	3741500.00	4.00
RE DISCCART	387000.00	3742000.00	4.90
RE DISCCART	387000.00	3742500.00	7.00
RE DISCCART	387000.00	3743000.00	3.70
RE DISCCART	387000.00	3743500.00	6.10
RE DISCCART	387000.00	3744000.00	4.90
RE DISCCART	387500.00	3741000.00	4.00
RE DISCCART	387500.00	3741500.00	4.90
RE DISCCART	387500.00	3742000.00	6.10
RE DISCCART	387500.00	3742500.00	7.90
RE DISCCART	387500.00	3743000.00	4.60
RE DISCCART	387500.00	3743500.00	7.00
RE DISCCART	387500.00	3744000.00	6.10
RE DISCCART	388000.00	3741000.00	4.00
RE DISCCART	388000.00	3741500.00	4.90
RE DISCCART	388000.00	3742000.00	7.00
RE DISCCART	388000.00	3742500.00	9.10
RE DISCCART	388000.00	3743000.00	6.70
RE DISCCART	388000.00	3743500.00	7.90
RE DISCCART	388000.00	3744000.00	6.10
RE DISCCART	388500.00	3741000.00	3.00
RE DISCCART	388500.00	3741500.00	3.00
RE DISCCART	388500.00	3742000.00	4.90
RE DISCCART	388500.00	3742500.00	4.90
RE DISCCART	388500.00	3743000.00	3.00
RE DISCCART	388500.00	3743500.00	3.70
RE DISCCART	388500.00	3744000.00	3.00
RE DISCCART	389000.00	3741000.00	4.00
RE DISCCART	389000.00	3741500.00	6.70
RE DISCCART	389000.00	3742000.00	7.90
RE DISCCART	389000.00	3742500.00	13.10
RE DISCCART	389000.00	3743000.00	15.80
RE DISCCART	389000.00	3743500.00	20.20
RE DISCCART	389000.00	3744000.00	24.30

RE DISCCART	389500.00	3741000.00	4.00
RE DISCCART	389500.00	3741500.00	7.90
RE DISCCART	389500.00	3742000.00	7.90
RE DISCCART	389500.00	3742500.00	14.90
RE DISCCART	389500.00	3743000.00	25.00
RE DISCCART	389500.00	3743500.00	32.30
RE DISCCART	389500.00	3744000.00	31.10
RE DISCCART	390000.00	3740500.00	7.00
RE DISCCART	390000.00	3741000.00	4.00
RE DISCCART	390000.00	3741500.00	15.50
RE DISCCART	390000.00	3742000.00	14.00
RE DISCCART	390000.00	3742500.00	29.00
RE DISCCART	390000.00	3743000.00	28.70
RE DISCCART	390000.00	3743500.00	35.10
RE DISCCART	390000.00	3744000.00	32.90
RE DISCCART	390500.00	3739000.00	9.10
RE DISCCART	390500.00	3740000.00	7.00
RE DISCCART	390500.00	3740500.00	7.00
RE DISCCART	390500.00	3741000.00	12.70
RE DISCCART	390500.00	3741500.00	17.30
RE DISCCART	390500.00	3742000.00	29.20
RE DISCCART	390500.00	3742500.00	28.00
RE DISCCART	390500.00	3743000.00	25.90
RE DISCCART	390500.00	3743500.00	27.70
RE DISCCART	390500.00	3744000.00	27.40
RE DISCCART	391000.00	3737500.00	11.90
RE DISCCART	391000.00	3738000.00	9.10
RE DISCCART	391000.00	3738500.00	9.10
RE DISCCART	391000.00	3739000.00	5.80
RE DISCCART	391000.00	3740000.00	6.70
RE DISCCART	391000.00	3740500.00	19.70
RE DISCCART	391000.00	3741000.00	23.30
RE DISCCART	391000.00	3741500.00	23.40
RE DISCCART	391000.00	3742000.00	28.70
RE DISCCART	391000.00	3742500.00	25.00
RE DISCCART	391000.00	3743000.00	22.90
RE DISCCART	391000.00	3743500.00	27.10
RE DISCCART	391000.00	3744000.00	25.90
RE DISCCART	391500.00	3737500.00	10.10
RE DISCCART	391500.00	3738000.00	9.10
RE DISCCART	391500.00	3738500.00	7.90
RE DISCCART	391500.00	3739000.00	6.10
RE DISCCART	391500.00	3740000.00	12.70
RE DISCCART	391500.00	3740500.00	27.40
RE DISCCART	391500.00	3741000.00	43.90
RE DISCCART	391500.00	3741500.00	30.30
RE DISCCART	391500.00	3742000.00	22.90
RE DISCCART	391500.00	3742500.00	24.10
RE DISCCART	391500.00	3743000.00	21.00
RE DISCCART	391500.00	3743500.00	25.00
RE DISCCART	391500.00	3744000.00	25.00
RE DISCCART	392000.00	3737000.00	14.90
RE DISCCART	392000.00	3737500.00	13.10
RE DISCCART	392000.00	3738000.00	9.10
RE DISCCART	392000.00	3738500.00	7.90
RE DISCCART	392000.00	3739000.00	6.10
RE DISCCART	392000.00	3740000.00	27.70
RE DISCCART	392000.00	3740500.00	54.10
RE DISCCART	392000.00	3741000.00	41.10
RE DISCCART	392000.00	3741500.00	28.50
RE DISCCART	392000.00	3742000.00	17.40
RE DISCCART	392000.00	3742500.00	18.90
RE DISCCART	392000.00	3743000.00	18.90
RE DISCCART	392000.00	3743500.00	21.00
RE DISCCART	392000.00	3744000.00	20.40
RE DISCCART	392500.00	3736500.00	13.10
RE DISCCART	392500.00	3737000.00	15.80
RE DISCCART	392500.00	3737500.00	12.30
RE DISCCART	392500.00	3738000.00	10.10
RE DISCCART	392500.00	3738500.00	9.10
RE DISCCART	392500.00	3739000.00	4.00
RE DISCCART	392500.00	3740000.00	56.90
RE DISCCART	392500.00	3740500.00	88.40
RE DISCCART	392500.00	3741000.00	30.70
RE DISCCART	392500.00	3741500.00	21.90
RE DISCCART	392500.00	3742000.00	17.90
RE DISCCART	392500.00	3742500.00	17.10
RE DISCCART	392500.00	3743000.00	17.10
RE DISCCART	392500.00	3743500.00	20.10
RE DISCCART	392500.00	3744000.00	20.10
RE DISCCART	393000.00	3736500.00	14.90

RE DISCCART	393000.00	3737000.00	18.90
RE DISCCART	393000.00	3737500.00	14.60
RE DISCCART	393000.00	3738000.00	14.00
RE DISCCART	393000.00	3738500.00	10.10
RE DISCCART	393000.00	3739000.00	16.30
RE DISCCART	393000.00	3740000.00	46.30
RE DISCCART	393000.00	3740500.00	29.90
RE DISCCART	393000.00	3741000.00	20.10
RE DISCCART	393000.00	3741500.00	18.00
RE DISCCART	393000.00	3742000.00	15.50
RE DISCCART	393000.00	3742500.00	14.00
RE DISCCART	393000.00	3743000.00	15.80
RE DISCCART	393000.00	3743500.00	18.00
RE DISCCART	393000.00	3744000.00	18.00
RE DISCCART	393500.00	3736000.00	7.30
RE DISCCART	393500.00	3736500.00	14.00
RE DISCCART	393500.00	3737000.00	18.90
RE DISCCART	393500.00	3737500.00	13.40
RE DISCCART	393500.00	3738000.00	14.00
RE DISCCART	393500.00	3738500.00	11.90
RE DISCCART	393500.00	3739000.00	23.30
RE DISCCART	393500.00	3740000.00	15.80
RE DISCCART	393500.00	3740500.00	15.20
RE DISCCART	393500.00	3741000.00	14.00
RE DISCCART	393500.00	3741500.00	13.30
RE DISCCART	393500.00	3742000.00	13.10
RE DISCCART	393500.00	3742500.00	14.00
RE DISCCART	393500.00	3743000.00	15.50
RE DISCCART	393500.00	3743500.00	18.00
RE DISCCART	393500.00	3744000.00	14.90
RE DISCCART	394000.00	3736000.00	5.30
RE DISCCART	394000.00	3736500.00	14.30
RE DISCCART	394000.00	3737000.00	18.90
RE DISCCART	394000.00	3737500.00	13.70
RE DISCCART	394000.00	3738000.00	5.70
RE DISCCART	394000.00	3738500.00	6.70
RE DISCCART	394000.00	3739000.00	22.90
RE DISCCART	394000.00	3740000.00	9.10
RE DISCCART	394000.00	3740500.00	11.00
RE DISCCART	394000.00	3741000.00	6.40
RE DISCCART	394000.00	3741500.00	10.10
RE DISCCART	394000.00	3742000.00	11.00
RE DISCCART	394000.00	3742500.00	11.00
RE DISCCART	394000.00	3743000.00	14.90
RE DISCCART	394000.00	3743500.00	14.00
RE DISCCART	394000.00	3744000.00	14.00
RE DISCCART	394500.00	3736000.00	3.00
RE DISCCART	394500.00	3736500.00	15.80
RE DISCCART	394500.00	3737000.00	14.90
RE DISCCART	394500.00	3737500.00	3.00
RE DISCCART	394500.00	3738000.00	7.00
RE DISCCART	394500.00	3738500.00	7.00
RE DISCCART	394500.00	3739000.00	3.00
RE DISCCART	394500.00	3740000.00	6.10
RE DISCCART	394500.00	3740500.00	4.90
RE DISCCART	394500.00	3741000.00	10.10
RE DISCCART	394500.00	3741500.00	7.90
RE DISCCART	394500.00	3742000.00	10.10
RE DISCCART	394500.00	3742500.00	10.10
RE DISCCART	394500.00	3743000.00	11.90
RE DISCCART	394500.00	3743500.00	11.90
RE DISCCART	394500.00	3744000.00	11.90
RE DISCCART	395000.00	3735500.00	3.00
RE DISCCART	395000.00	3736000.00	3.00
RE DISCCART	395000.00	3736500.00	8.30
RE DISCCART	395000.00	3737000.00	6.70
RE DISCCART	395000.00	3737500.00	3.00
RE DISCCART	395000.00	3738000.00	14.00
RE DISCCART	395000.00	3738500.00	11.30
RE DISCCART	395000.00	3739000.00	3.00
RE DISCCART	395000.00	3740000.00	3.00
RE DISCCART	395000.00	3740500.00	3.00
RE DISCCART	395000.00	3741000.00	3.00
RE DISCCART	395000.00	3741500.00	6.10
RE DISCCART	395000.00	3742000.00	8.50
RE DISCCART	395000.00	3742500.00	9.10
RE DISCCART	395000.00	3743000.00	11.00
RE DISCCART	395000.00	3743500.00	11.90
RE DISCCART	395000.00	3744000.00	9.40

RE FINISHED

ME STARTING
ME INPUTFIL longbch.asc
ME ANEMHGHT 10.0000
ME SURFDATA 53101 1981
ME UAIRDATA 91919 1981
ME FINISHED

OU STARTING
OU RECTABLE Allave first
OU MAXTABLE Allave 20
OU PLOTFILE period all a3hfad.plt

OU FINISHED

*** ISCST3 - VERSION 02035 *** *** Pier J South, 52-Acre Alt. HRA Addendum 2004 ***
08/15/04 *** Fenceline and Near Grid ***

08.54:04

**MODELOPTs:

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CONC

URBAN ELEV

NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates PERIOD Averages Only

**This Run Includes: 36 Source(s); 1 Source Group(s); and 2956 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: isca3fna.txt

**Output Print File: isca3fna.out

*** ISCST3 - VERSION 02035 ***
08/15/04

*** Pier J South, 52-Acre Alt. HRA Addendum 2004

*** Fenceline and Near Grid

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**MODELOPTS:

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URBAN ELEV

NOCALM

*** POINT SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	STACK	STACK	STACK	STACK	BUILDING	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	SCALAR
VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		BY
	1	0	0.36400E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO
	2	0	0.63500E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO
	3	0	0.63500E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO
	4	0	0.63500E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 52-Acre Alt. HRA Addendum 2004
 *** Fenceline and Near Grid

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 **MODELOPTs:
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.18700E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.18700E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.18700E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
9	0	0.18700E-02	388912.0	3733368.0	0.0	2.50	205.58	2.32	
10	0	0.18700E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.18700E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.18700E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.36000E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.36000E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.36000E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.36000E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.36000E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.36000E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.36000E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.36000E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.36000E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.36000E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.36000E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.36000E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.36000E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.36000E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.36000E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.36000E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.36000E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.36000E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.36000E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.36000E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.36000E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.20100E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.20100E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.20100E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.20100E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

2	1						
'B'	'AG'	388272.	740174.	388273.	740628.	2.5	28.00
3	1						
'C'	'AG'	388273.	740628.	388252.	741083.	2.5	28.00
4	1						
'C'	'AG'	388186.	738673.	388181.	739598.	2.5	28.00
24	0.0						
1	255.	0.125					
2	255.	0.125					
3	255.	0.125					

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 52-Acre Alt. HRA Addendum 2004
*** Fenceline and Near Grid

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.02419 AT (388466.00, 3736711.00,	1.00, 0.00) DC	NA
	2ND HIGHEST VALUE IS	0.02418 AT (388465.00, 3736808.00,	2.00, 0.00) DC	NA
	3RD HIGHEST VALUE IS	0.02413 AT (388466.00, 3736808.00,	2.00, 0.00) DC	NA
	4TH HIGHEST VALUE IS	0.02361 AT (388466.00, 3736904.00,	2.00, 0.00) DC	NA
	5TH HIGHEST VALUE IS	0.02361 AT (388466.00, 3736904.00,	2.00, 0.00) DC	NA
	6TH HIGHEST VALUE IS	0.02349 AT (388471.00, 3737389.00,	2.00, 0.00) DC	NA
	7TH HIGHEST VALUE IS	0.02349 AT (388471.00, 3737389.00,	2.00, 0.00) DC	NA
	8TH HIGHEST VALUE IS	0.02342 AT (388472.00, 3737486.00,	2.00, 0.00) DC	NA
	9TH HIGHEST VALUE IS	0.02342 AT (388472.00, 3737486.00,	2.00, 0.00) DC	NA
	10TH HIGHEST VALUE IS	0.02340 AT (388524.00, 3736629.00,	1.00, 0.00) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 *** *** Pier J South, 52-Acre Alt. HRA Addendum 2004 ***
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*** Fenceline and Near Grid ***
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*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 62 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 63 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 3059 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

*** ISCST3 - VERSION 02035 ***
08/16/04

*** Pier J South, 52-Acre Alt. HRA Addendum 2004
*** Census Tracts and Sensitive Receptors

18:18:49

**MODELOPTS:

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URBAN ELEV

NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates PERIOD Averages Only

**This Run Includes: 36 Source(s); 1 Source Group(s); and 78 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.2 MB of RAM.

**Input Runstream File: isca3csa.txt

**Output Print File: isca3csa.out

*** ISCST3 - VERSION 02035 ***
08/16/04

*** Pier J South, 52-Acre Alt. HRA Addendum 2004

*** Census Tracts and Sensitive Receptors

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**MODELOPTs:
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URBAN ELEV

NOCALM

*** POINT SOURCE DATA ***

EMISSION RATE		NUMBER EMISSION RATE			BASE	STACK	STACK	STACK	STACK	BUILDING	SCALAR
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	BY
VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		
	1	0	0.36400E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO
	2	0	0.63500E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO
	3	0	0.63500E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO
	4	0	0.63500E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO

*** ISCST3 - VERSION 02035 ***
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 *** Census Tracts and Sensitive Receptors

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 **MODELOPTs:
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.18700E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.18700E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.18700E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
9	0	0.18700E-02	388912.0	3733368.0	0.0	2.50	205.58	2.32	
10	0	0.18700E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.18700E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.18700E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.36000E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.36000E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.36000E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.36000E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.36000E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.36000E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.36000E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.36000E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.36000E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.36000E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.36000E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.36000E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.36000E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.36000E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.36000E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.36000E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.36000E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.36000E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.36000E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.36000E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.36000E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.20100E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.20100E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.20100E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.20100E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 52-Acre Alt. HRA Addendum 2004

*** Census Tracts and Sensitive Receptors

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**MODELOPTS:

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URBAN ELEV

NOCALM

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01465 AT (388932.47, 3736399.75,	3.60, 0.00) DC	NA
	2ND HIGHEST VALUE IS	0.01416 AT (388711.66, 3737632.25,	3.90, 0.00) DC	NA
	3RD HIGHEST VALUE IS	0.01286 AT (388662.44, 3738309.50,	4.30, 0.00) DC	NA
	4TH HIGHEST VALUE IS	0.01218 AT (388804.00, 3737828.00,	4.00, 0.00) DC	NA
	5TH HIGHEST VALUE IS	0.00840 AT (389312.56, 3737559.00,	9.80, 0.00) DC	NA
	6TH HIGHEST VALUE IS	0.00792 AT (389134.25, 3738304.00,	10.10, 0.00) DC	NA
	7TH HIGHEST VALUE IS	0.00664 AT (390083.72, 3736276.00,	4.50, 0.00) DC	NA
	8TH HIGHEST VALUE IS	0.00648 AT (389453.75, 3738294.75,	11.00, 0.00) DC	NA
	9TH HIGHEST VALUE IS	0.00578 AT (389785.00, 3738063.00,	11.00, 0.00) DC	NA
	10TH HIGHEST VALUE IS	0.00533 AT (390120.09, 3737550.25,	9.10, 0.00) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 *** *** Pier J South, 52-Acre Alt. HRA Addendum 2004 ***
08/16/04 *** Census Tracts and Sensitive Receptors ***
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**MODELOPTs:
PAGE 10 URBAN ELEV NOCALM
CONC

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 62 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 63 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 180 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

*** ISCST3 - VERSION 02035 *** *** Pier J South, 52-Acre Alt. HRA Addendum 2004 ***
08/16/04 *** Hotel and Far Field ***

18:19:46
**MODELOPTS:
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URBAN ELEV

NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCENTRATION Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates PERIOD Averages Only

**This Run Includes: 36 Source(s); 1 Source Group(s); and 465 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

**Model Set To Continue RUNNING After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: isca3hfa.txt
**Output Print File: isca3hfa.out

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 52-Acre Alt. HRA Addendum 2004
*** Hotel and Far Field

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*** POINT SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	STACK	STACK	STACK	STACK	BUILDING	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	SCALAR
VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		BY
1	0	0.36400E-01	388639.0	3734058.0	0.0	37.60	495.00	25.80	2.01	NO	
2	0	0.63500E-02	388163.0	3733900.0	0.0	37.60	495.00	25.80	2.01	NO	
3	0	0.63500E-02	389060.0	3732690.0	0.0	37.60	495.00	25.80	2.01	NO	
4	0	0.63500E-02	389919.0	3732016.0	0.0	37.60	495.00	25.80	2.01	NO	

*** ISCST3 - VERSION 02035 ***
 08/16/04

*** Pier J South, 52-Acre Alt. HRA Addendum 2004

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
5	0	0.18700E-02	388470.0	3733810.0	0.0	2.50	205.58	2.32	
6	0	0.18700E-02	388912.0	3733810.0	0.0	2.50	205.58	2.32	
7	0	0.18700E-02	389354.0	3733810.0	0.0	2.50	205.58	2.32	
9	0	0.18700E-02	388912.0	3733368.0	0.0	2.50	205.58	2.32	
10	0	0.18700E-02	389354.0	3733368.0	0.0	2.50	205.58	2.32	
11	0	0.18700E-02	389796.0	3733368.0	0.0	2.50	205.58	2.32	
12	0	0.18700E-02	389796.0	3734252.0	0.0	2.50	205.58	2.32	
13	0	0.36000E-03	389739.0	3734573.0	0.0	2.50	93.02	2.32	
14	0	0.36000E-03	389725.0	3734773.0	0.0	2.50	93.02	2.32	
15	0	0.36000E-03	389683.0	3734973.0	0.0	2.50	93.02	2.32	
16	0	0.36000E-03	389534.0	3735173.0	3.0	2.50	93.02	2.32	
17	0	0.36000E-03	389347.0	3735373.0	5.0	2.50	93.02	2.32	
18	0	0.36000E-03	389055.0	3735573.0	3.0	2.50	93.02	2.32	
19	0	0.36000E-03	388767.0	3735773.0	4.0	2.50	93.02	2.32	
20	0	0.36000E-03	388583.0	3735973.0	3.0	2.50	93.02	2.32	
21	0	0.36000E-03	388391.0	3736173.0	3.0	2.50	93.02	2.32	
22	0	0.36000E-03	388364.0	3736373.0	3.0	2.50	93.02	2.32	
23	0	0.36000E-03	388258.0	3736573.0	5.0	2.50	93.02	2.32	
24	0	0.36000E-03	388169.0	3736773.0	6.0	2.50	93.02	2.32	
25	0	0.36000E-03	388160.0	3736973.0	5.0	2.50	93.02	2.32	
26	0	0.36000E-03	388164.0	3737173.0	3.0	2.50	93.02	2.32	
27	0	0.36000E-03	388191.0	3737373.0	3.0	2.50	93.02	2.32	
28	0	0.36000E-03	388210.0	3737573.0	3.0	2.50	93.02	2.32	
29	0	0.36000E-03	388207.0	3737773.0	5.0	2.50	93.02	2.32	
30	0	0.36000E-03	388209.0	3737973.0	6.0	2.50	93.02	2.32	
31	0	0.36000E-03	388185.0	3738173.0	8.0	2.50	93.02	2.32	
32	0	0.36000E-03	388174.0	3738373.0	3.0	2.50	93.02	2.32	
33	0	0.36000E-03	388186.0	3738573.0	3.0	2.50	93.02	2.32	
34	0	0.20100E-04	387876.0	3738249.0	3.0	2.50	139.53	2.32	
35	0	0.20100E-04	387591.0	3738333.0	3.0	2.50	139.53	2.32	
36	0	0.20100E-04	387283.0	3738424.0	3.0	2.50	139.53	2.32	
37	0	0.20100E-04	387003.0	3738492.0	3.0	2.50	139.53	2.32	

*** ISCST3 - VERSION 02035 ***
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*** Pier J South, 52-Acre Alt. HRA Addendum 2004
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URBAN ELEV

NOCALM

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF TOX IN MICROGRAMS/M**3

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01688 AT (389686.00, 3735452.00,	0.00, 0.00) DC	NA
	2ND HIGHEST VALUE IS	0.01629 AT (389729.00, 3735435.00,	0.00, 0.00) DC	NA
	3RD HIGHEST VALUE IS	0.01585 AT (389772.00, 3735413.00,	0.00, 0.00) DC	NA
	4TH HIGHEST VALUE IS	0.01543 AT (389815.00, 3735391.00,	0.00, 0.00) DC	NA
	5TH HIGHEST VALUE IS	0.01480 AT (389858.00, 3735374.00,	0.00, 0.00) DC	NA
	6TH HIGHEST VALUE IS	0.01433 AT (389896.00, 3735357.00,	0.00, 0.00) DC	NA
	7TH HIGHEST VALUE IS	0.01400 AT (389928.00, 3735341.00,	0.00, 0.00) DC	NA
	8TH HIGHEST VALUE IS	0.01358 AT (389966.00, 3735324.00,	0.00, 0.00) DC	NA
	9TH HIGHEST VALUE IS	0.00496 AT (395000.00, 3735500.00,	3.00, 0.00) DC	NA
	10TH HIGHEST VALUE IS	0.00378 AT (391000.00, 3737500.00,	11.90, 0.00) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** ISCST3 - VERSION 02035 *** *** Pier J South, 52-Acre Alt. HRA Addendum 2004 ***
08/16/04 *** Hotel and Far Field ***

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**MODELOPTs:
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NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 8 Warning Message(s)
A Total of 1531 Informational Message(s)
A Total of 1531 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

SO W320 60 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 61 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
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SO W320 64 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 65 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
SO W320 66 VPARAM :Input Parameter May Be Out-of-Range for Parameter SYINIT
RE W282 567 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

'Pier J South, Truck PM10, I-710'				60.	108.	2.00	2.00	34	1.0	0
1	1	81	12	31	81					
53101	81	91919	81							
0	0	'U'								
'R1'	388185.0	740900.00	1.5							
'R2'	388202.0	740731.00	1.5							
'R3'	388203.0	740515.00	1.5							
'R4'	388206.0	740320.00	1.5							
'R5'	388187.0	740093.00	1.5							
'R6'	388149.0	739909.00	1.5							
'R7'	388122.0	739682.00	1.5							
'R8'	388053.0	739590.00	1.5							
'R9'	388534.0	739686.00	1.5							
'R10'	388534.0	739848.00	1.5							
'R11'	388534.0	740075.00	1.5							
'R12'	388534.0	740324.00	1.5							
'R13'	388534.0	740519.00	1.5							
'R14'	388534.0	740736.00	1.5							
'R15'	388534.0	740914.00	1.5							
'R16'	388530.0	739590.00	1.5							
'R17'	388520.0	739400.00	1.5							
'R18'	388510.0	739200.00	1.5							
'R19'	388500.0	739000.00	1.5							
'R20'	388490.0	738753.00	1.5							
'R21'	388480.0	738500.00	1.5							
'R22'	388470.0	738200.00	1.5							
'R23'	388470.0	737800.00	1.5							
'R24'	388470.0	737600.00	1.5							
'R25'	388466.0	736711.00	1.5							
'R26'	388465.0	736808.00	1.5							
'R27'	388466.0	736808.00	1.5							
'R28'	388466.0	736904.00	1.5							
'R29'	388466.0	736904.00	1.5							
'R30'	388471.0	737389.00	1.5							
'R31'	388471.0	737389.00	1.5							
'R32'	388472.0	737486.00	1.5							
'R33'	388472.0	737486.00	1.5							
'R34'	388524.0	736629.00	1.5							
1	'P'									
1	1	1	1	1	1	1	1			
'115-Acre Alt. Residential' 4										
1	1									
'A'	'AG'	388181.	739598.	388272.	740174.	2.5	28.00			
2	1									
'B'	'AG'	388272.	740174.	388273.	740628.	2.5	28.00			
3	1									
'C'	'AG'	388273.	740628.	388252.	741083.	2.5	28.00			
4	1									
'D'	'AG'	388186.	738673.	388181.	739598.	2.5	28.00			
24	0.0									
1	255.	0.125								
2	255.	0.125								
3	255.	0.125								
4	310.	0.125								

Note the traffic volume was increased 10 times, because the model can not handle this low traffic volume. The actual results in the output should be divided by 10, as suggested by Peter Echhof of EPA, author of the CAL3QHCR.

'Pier J South, Truck PM10, I-710'										
1	1	81	12	31	81	60.	108.	2.00	2.00	4 1.0 0
53101	81	91919	81							
0	0	'U'								
'I1'	388125.0	739400.00	1.5							
'I2'	388125.0	739200.00	1.5							
'I3'	388125.0	739000.00	1.5							
'I4'	388093.0	738753.00	1.5							
1	'P'									
1	1	1	1	1	1	1	1	1	1	
'115-Acre Alt. Industrial ' 4										
1	1									
'A'	'AG'	388181.	739598.	388272.	740174.	2.5	28.00			
2	1									
'B'	'AG'	388272.	740174.	388273.	740628.	2.5	28.00			
3	1									
'C'	'AG'	388273.	740628.	388252.	741083.	2.5	28.00			
4	1									
'D'	'AG'	388186.	738673.	388181.	739598.	2.5	28.00			
24	0.0									
1	255.	0.125								
2	255.	0.125								
3	255.	0.125								
4	310.	0.125								

Note the traffic volume was increased 10 times, because the model can not handle this low traffic volume. The actual results in the output should be divided by 10, as suggested by Peter Echhof of EPA, author of the CAL3QHCR.