

# MAC Report

## August 2023

SUBMITTED BY THE MARINE BUREAU



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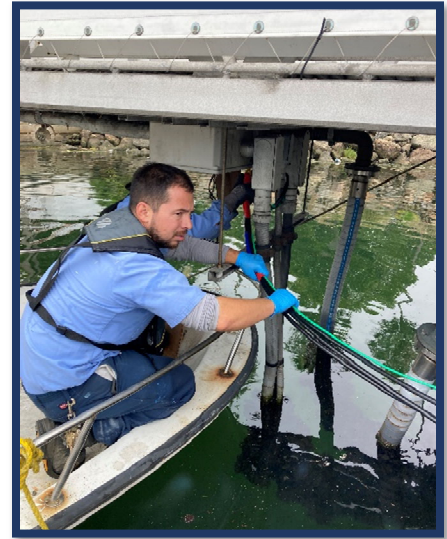
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# MARINAS AND WATERWAYS

## Accomplishments

- ❖ Marine Maintenance staff has installed 'Kids Zone' signs at Alamitos Beach Playground (B-1 Play area) Junipero Beach Playground (B-4 Play area) Mothers Beach and Colorado Lagoon playgrounds.
- ❖ Marine Maintenance staff has stenciled all stairs along the Beach with street names.
- ❖ Marine Maintenance staff has rewired Dock 7 in Rainbow Harbor to restore power to the dock.
- ❖ Marine Maintenance staff has replaced the door on custodial closet.



## Projects in the Works

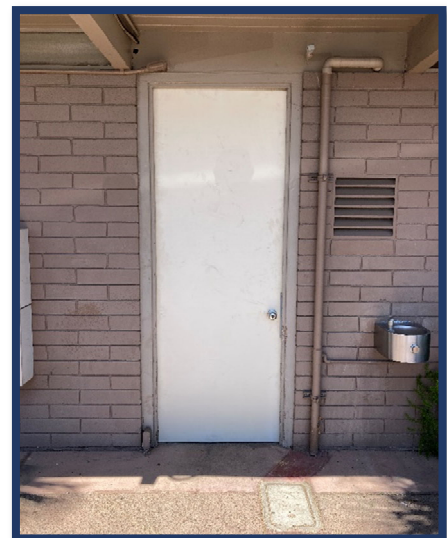
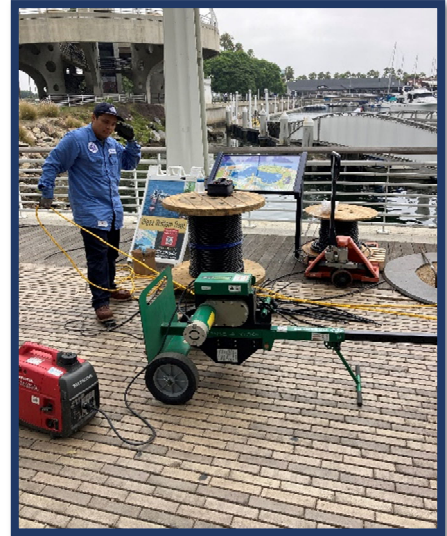
- ❖ Marine Maintenance staff is in the process of replacing all the damaged and missing signs throughout the Long Beach Shoreline Marina. Staff has already replaced all the "Gangway" and "No Visitor" signs. 90% completed.
- ❖ Marine Maintenance staff is in the process of retrofitting the existing twelve (12) booster pumps from a wet system to a dry fire suppression system in the Long Beach Shoreline Marina. 95% completed.
- ❖ Marine Maintenance staff are in the process of making improvements to the Alamitos Bay Marina office, including painting the interior of the building. 50% completed.
- ❖ Marine Maintenance staff are in the process of inspecting and tightening all the loose fingers throughout the Long Beach Shoreline Marina. 40% completed.
- ❖ Marine Maintenance staff are in the process of inspecting and replacing all the damaged gangway water supply lines throughout Long Beach Shoreline Marina as needed. 45% completed.
- ❖ Marine Maintenance staff are in the process of repairing the restroom plumbing throughout Long Beach Shoreline Marina. 35% completed.
- ❖ Marine Maintenance staff are in the process of repairing concrete fingers throughout Long Beach Shoreline Marina. 10% completed.





## MARINAS AND WATERWAYS

- ❖ Marine Maintenance staff are in the process of replacing exterior doors at the Belmont Pool office. 50% completed.
- ❖ Marine Maintenance staff is in the process of painting memorial benches in ABM. 60% completed.
- ❖ Marine Maintenance staff is in the process of installing two isolation valves for all 31 Gangway's in Shoreline Marina. 85% completed.
- ❖ Marine Maintenance staff are in the process of replacing all electrical components (breakers, receptacles, etc.) inside the pedestals located throughout Shoreline & Rainbow Harbor Marinas. 25% completed.
- ❖ Marine Maintenance staff is in the process of installing two isolation valves for all 33 Gangway's in Shoreline Marina. 85% completed.
- ❖ Marine Maintenance staff is in the process of retrofitting all pedestals inside of Rainbow Harbor Marina (SHM 1,2,3,4 docks 8 & 9) 35% completed.
- ❖ Marine Maintenance staff are in the process of painting curbs and guard posts throughout DTM. 85% completed.
- ❖ Marine Maintenance staff are in the process of cleaning buoys in ABM and DTM Marina's. 80% completed.
- ❖ Trees in the bay – Marine Maintenance staff have started prepping rope lines for trees in the bay. 2%



# BEACHES AND WATERWAYS

## Accomplishments

- ❖ Beach Maintenance staff removed over 249.98 tons of trash and debris from the beaches and inner bays.
- ❖ Beach Maintenance staff hauled sand to peninsula, rebuilding from high tides and elevated surf.
- ❖ Beach Maintenance staff serviced 300 trash receptacles during the month of August.
- ❖ Beach Maintenance staff swept the bike/pedestrian path.
- ❖ Beach Maintenance staff conducted weekly clean-ups of several homeless encampments throughout the beach areas.
- ❖ Beach Maintenance staff raked and cleaned throughout beach areas.
- ❖ Beach Maintenance staff cleaned the waterline of debris, daily.
- ❖ Beach Maintenance staff conducted sand removal from sidewalks that build up during windy conditions.
- ❖ Beach Maintenance staff built and maintained berms that protected homes from high surf, due to hurricane Hilary.
- ❖ Beach Maintenance staff rototilled sand and pressure washed play equipment at Mother's Beach, Colorado Lagoon and Bayshore parks.
- ❖ Beach Maintenance staff cleared storm gutters of debris in preparation for tropical storm Hilary.
- ❖ Beach Maintenance staff Beach repaired the fencing cable at Colorado Lagoon.
- ❖ Beach Maintenance staff addressed trees damaged by tropical storm Hilary.
- ❖ Beach Maintenance staff planted Marigolds at Station 35.
- ❖ Beach Maintenance staff repaired bike path at Chancellor's office.
- ❖ Beach Maintenance staff replaced vandalized backflows.
- ❖ Queensway Bay staff conducted a cleaning of all 60 basket filters in the Rainbow Lagoon, six days per week, twice per day. Staff replaces and cleans all 60 baskets, once a month.





## BEACHES AND WATERWAYS

- ❖ Queensway Bay staff conducted daily removal of water borne debris and algae in the Rainbow Lagoon, Rainbow Harbor Marina, and Long Beach Shoreline Marina, using hand nets.
- ❖ Queensway Bay staff removed trash from docks, three times per week.
- ❖ Queensway Bay staff conducted monthly inspections on all docks throughout Rainbow Harbor Marina.
- ❖ Queensway Bay staff serviced all sewage pumps on the commercial docks 1-6, monthly.
- ❖ Queensway Bay staff conducted weekly PEH encampment posting and cleanups.
- ❖ Queensway Bay staff conducted daily graffiti removal for the entire Rainbow Harbor area, including the Queensway bridge bike path, and Queen Mary Park.
- ❖ Queensway Bay staff performed routine maintenance on the Wave and Dolphin Fountains, twice per week.
- ❖ Queensway Bay staff removed storm debris from Rainbow Harbor and Marinas.
- ❖ Queensway Bay staff worked with PW traffic crew to install a new parking lot pole and LED lights at Pierpoint.
- ❖ Queensway Bay staff worked with Marine electrician to make repairs on Dock 7's main electrical wires.
- ❖ Queensway Bay staff crew provided truck and crew to assist the CD1 office for Pride parade.
- ❖ Queensway Bay staff replaced mooring signage on Dock 7 and Dock 4.
- ❖ Queensway Bay staff assisted with the installation of Nautilus Shell.
- ❖ Queensway Bay staff performed hydro-jet cleaning of Rainbow Lagoon fill pipe.
- ❖ Queensway Bay staff installed a 3-foot pipe collar on Lagoon drain to adjust fill height.
- ❖ Queensway Bay staff responded to tropical storm Hilary and provided water pumps on Peninsula to assist with flooding issues.
- ❖ Queensway Bay staff repaired a broken dock at South Shore Launch Ramp.

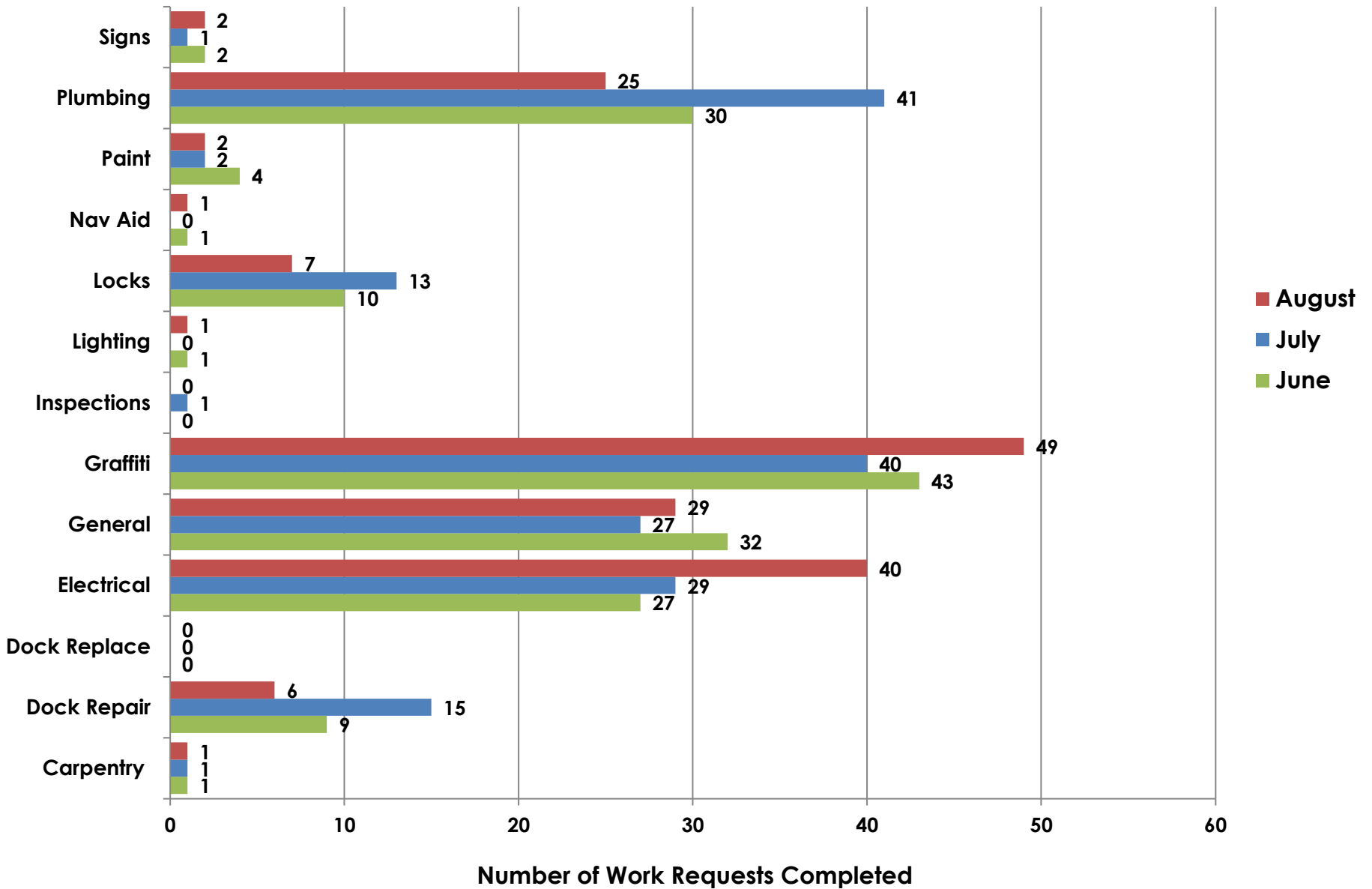


### Projects in the Works

- ❖ Beach Maintenance staff is continuing the process of rebuilding sections of the peninsula where erosion occurs.
- ❖ QWB crew in the process of replacing LED color lights in Esplanade mast poles.
- ❖ QWB crew in the process of replacing 40 tree lights at Pine Ave circle.
- ❖ QWB crew in process of replacing Rainbow Lagoon aerator manifold.

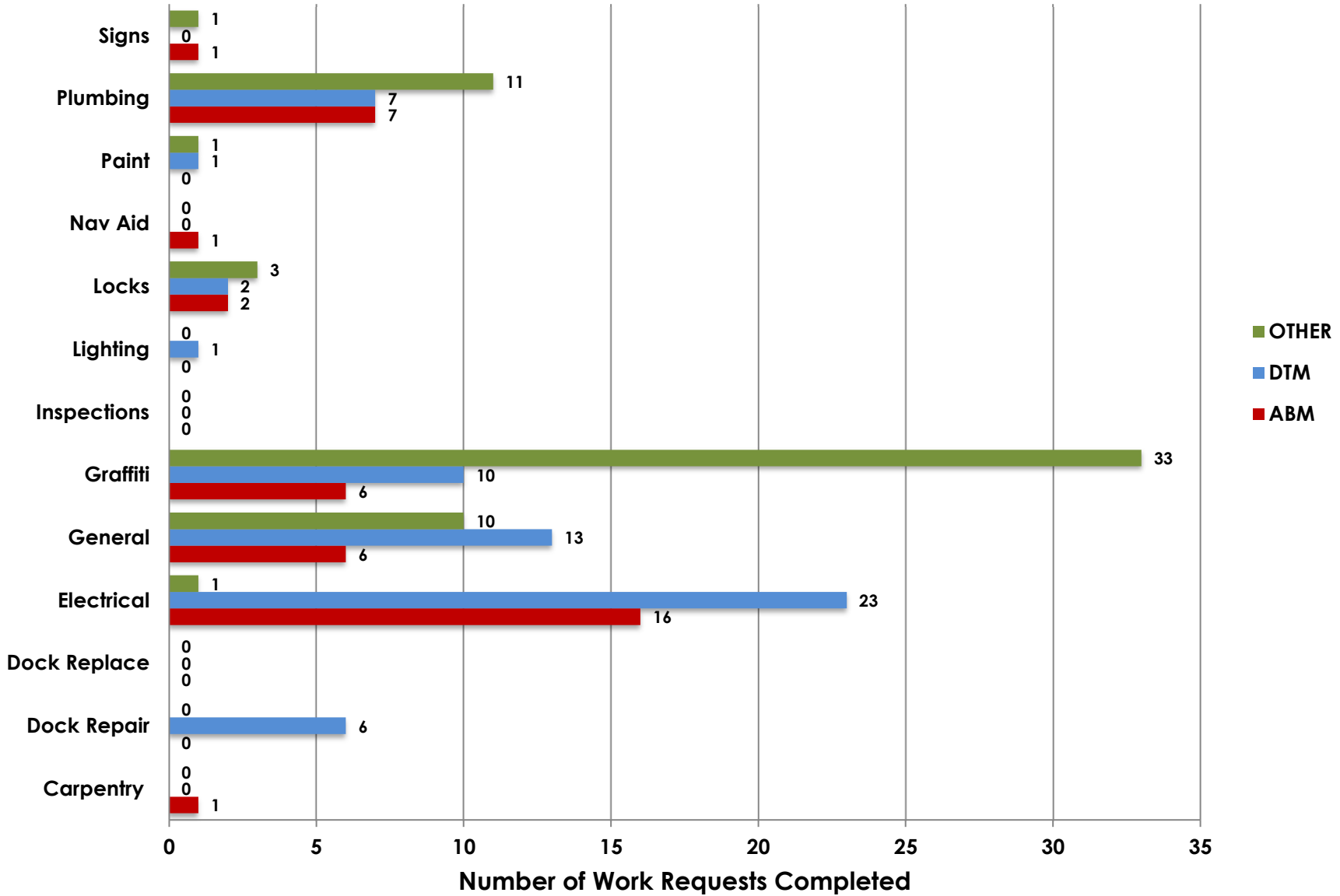
# Marine Maintenance

Work Request Completed by Month



# Marine Maintenance

## Work Requests Completed by Location





# PUMPOUT INSPECTION REPORT

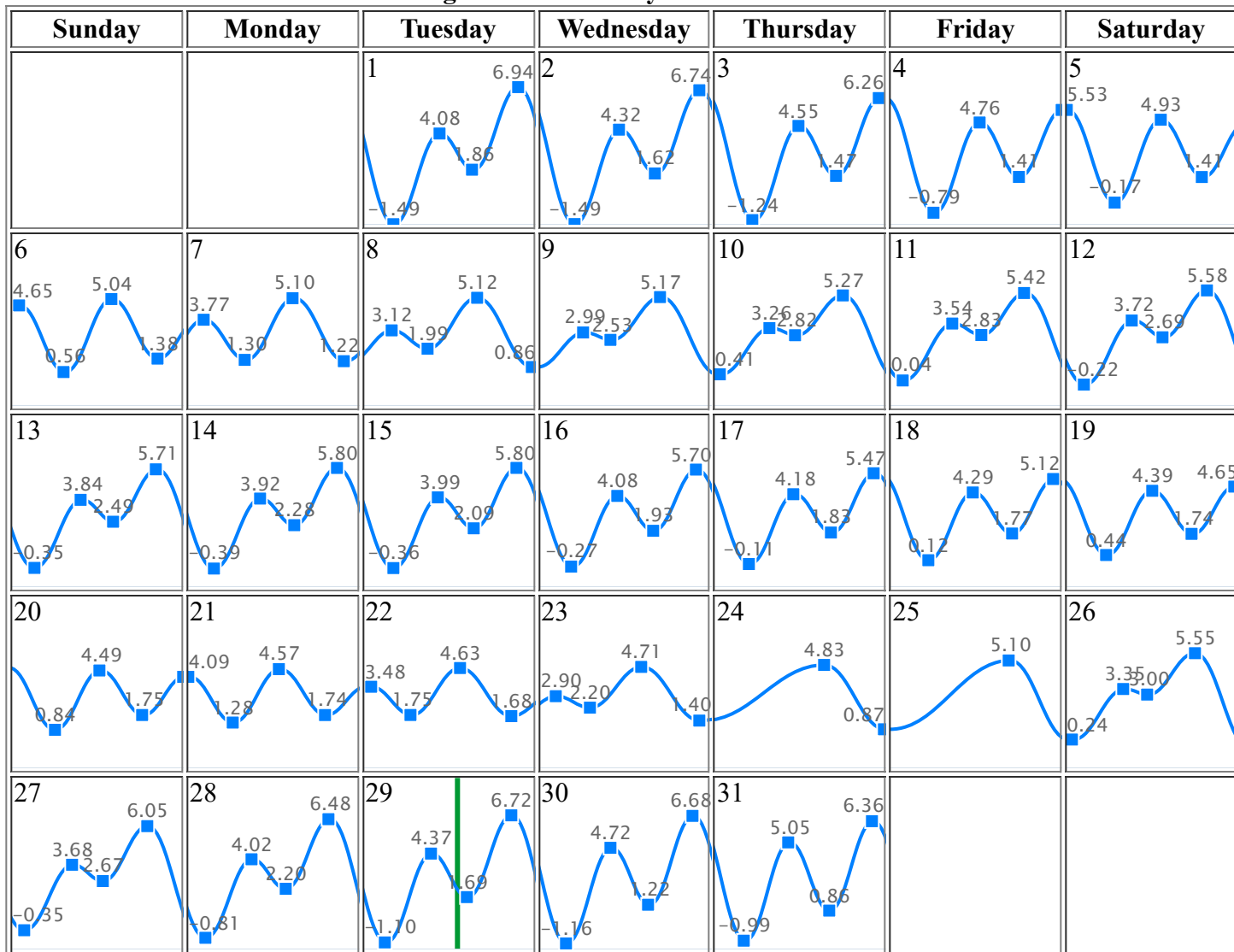
Pump Out Locations	Dates			
	08/03/23	08/10/23	08/17/23	08/24/23
Gwy A, A	W	NW	W	W
Gwy A, B	W	NW	W	W
Parker's Public Dock, A	W	W	W	W
Parker's Public Dock, B	W	W	W	W
Parker's Public Dock, C	W	NW	NW	NW
Dock 9	W	W	W	W
Basin 6 South	W	W	W	W
Basin 6 North	W	W	W	W
Davie's Launch Ramp, A	W	W	W	W
Station 31, A	W	W	W	W
Station 31, B	W	W	W	W
Station 21	W	W	W	W
Basin 1, Gwy 2	W	W	W	W
Basin 1, Gwy 4	W	W	W	W
Basin 2, Gwy 8	W	W	W	W
Basin 2, Gwy 11	W	W	W	W
Basin 3, Gwy 16	W	W	W	W
Basin 3, Gwy 19	NC	NC	NC	NC
Basin 4, Gwy 28	W	W	W	W
Basin 4, Gwy 31	W	W	W	W
Basin 5, Gwy 33	W	W	W	W
Basin 5, Gwy 34	W	N/A	N/A	W

KEY
W = Working
NW = Not Working
N/A = Not Applicable
NC = No Cart



[Help](#)

**NOAA/NOS/CO-OPS  
Tide Predictions at 9410686, Long Beach, Inner Harbor CA  
August 2023 Monthly Calendar View**



Note: The interval is High/Low, the solid blue line depicts a curve fit between the high and low values and approximates the segments between.

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

**High/Low Tide Prediction Data Listing**

Station Name: Long Beach, Inner Harbor, CA

Source: NOAA/NOS/CO-OPS

Action: Monthly

Prediction Type: Subordinate

Product: Tide Predictions

Datum: MLLW

Start Date &amp; Time: 2023/8/1 12:00 AM

Height Units: Feet

End Date &amp; Time: 2023/8/31 11:59 PM

Time Zone: LST/LDT

Date	Day	Time	Hgt	Time	Hgt	Time	Hgt	Time	Hgt
2023/08/01	Tue	04:09 AM	-1.49 L	10:37 AM	4.08 H	3:21 PM	1.86 L	9:37 PM	6.94 H
2023/08/02	Wed	04:49 AM	-1.49 L	11:13 AM	4.32 H	4:13 PM	1.62 L	10:25 PM	6.74 H
2023/08/03	Thu	05:29 AM	-1.24 L	11:52 AM	4.55 H	5:06 PM	1.47 L	11:14 PM	6.26 H
2023/08/04	Fri	06:08 AM	-0.79 L	12:32 PM	4.76 H	6:04 PM	1.41 L		
2023/08/05	Sat	12:05 AM	5.53 H	06:46 AM	-0.17 L	1:14 PM	4.93 H	7:10 PM	1.41 L
2023/08/06	Sun	01:02 AM	4.65 H	07:25 AM	0.56 L	2:01 PM	5.04 H	8:27 PM	1.38 L
2023/08/07	Mon	02:12 AM	3.77 H	08:06 AM	1.30 L	2:52 PM	5.10 H	10:00 PM	1.22 L
2023/08/08	Tue	03:55 AM	3.12 H	08:54 AM	1.99 L	3:51 PM	5.12 H	11:36 PM	0.86 L
2023/08/09	Wed	06:13 AM	2.99 H	10:02 AM	2.53 L	4:57 PM	5.17 H		
2023/08/10	Thu	12:53 AM	0.41 L	07:53 AM	3.26 H	11:30 AM	2.82 L	6:01 PM	5.27 H
2023/08/11	Fri	01:49 AM	0.04 L	08:47 AM	3.54 H	12:45 PM	2.83 L	6:56 PM	5.42 H
2023/08/12	Sat	02:32 AM	-0.22 L	09:21 AM	3.72 H	1:38 PM	2.69 L	7:42 PM	5.58 H
2023/08/13	Sun	03:08 AM	-0.35 L	09:48 AM	3.84 H	2:19 PM	2.49 L	8:22 PM	5.71 H
2023/08/14	Mon	03:38 AM	-0.39 L	10:11 AM	3.92 H	2:53 PM	2.28 L	8:56 PM	5.80 H
2023/08/15	Tue	04:06 AM	-0.36 L	10:32 AM	3.99 H	3:24 PM	2.09 L	9:28 PM	5.80 H
2023/08/16	Wed	04:31 AM	-0.27 L	10:53 AM	4.08 H	3:55 PM	1.93 L	9:59 PM	5.70 H
2023/08/17	Thu	04:54 AM	-0.11 L	11:15 AM	4.18 H	4:28 PM	1.83 L	10:29 PM	5.47 H
2023/08/18	Fri	05:17 AM	0.12 L	11:37 AM	4.29 H	5:03 PM	1.77 L	11:00 PM	5.12 H
2023/08/19	Sat	05:39 AM	0.44 L	12:01 PM	4.39 H	5:42 PM	1.74 L	11:33 PM	4.65 H
2023/08/20	Sun	06:00 AM	0.84 L	12:25 PM	4.49 H	6:27 PM	1.75 L		
2023/08/21	Mon	12:11 AM	4.09 H	06:20 AM	1.28 L	12:53 PM	4.57 H	7:23 PM	1.74 L
2023/08/22	Tue	12:59 AM	3.48 H	06:40 AM	1.75 L	1:27 PM	4.63 H	8:40 PM	1.68 L
2023/08/23	Wed	02:17 AM	2.90 H	06:58 AM	2.20 L	2:15 PM	4.71 H	10:24 PM	1.40 L
2023/08/24	Thu	3:24 PM	4.83 H	11:56 PM	0.87 L				
2023/08/25	Fri	4:47 PM	5.10 H						
2023/08/26	Sat	12:57 AM	0.24 L	08:09 AM	3.35 H	11:27 AM	3.00 L	6:00 PM	5.55 H
2023/08/27	Sun	01:44 AM	-0.35 L	08:33 AM	3.68 H	12:44 PM	2.67 L	7:01 PM	6.05 H
2023/08/28	Mon	02:26 AM	-0.81 L	08:59 AM	4.02 H	1:41 PM	2.20 L	7:53 PM	6.48 H
2023/08/29	Tue	03:04 AM	-1.10 L	09:28 AM	4.37 H	2:31 PM	1.69 L	8:42 PM	6.72 H



2023/08/30	Wed	03:41 AM	-1.16 L	09:59 AM	4.72 H	3:19 PM	1.22 L	9:29 PM	6.68 H
2023/08/31	Thu	04:17 AM	-0.99 L	10:32 AM	5.05 H	4:08 PM	0.86 L	10:16 PM	6.36 H