

An aerial photograph of San Francisco, California, taken during the golden hour of sunset. The city's skyline is visible in the background, with the Transamerica Pyramid and other skyscrapers silhouetted against the bright, low sun. In the foreground, the Fisherman's Wharf area is prominent, featuring several large, historic buildings and piers extending into the water. The water is dark, and a few small boats are visible. The overall scene is bathed in a warm, golden light, creating a dramatic and scenic atmosphere.

Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

FWAC Meeting
5/1/2024

Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Port Maintenance Dredging Program Overview

- Why:
 - Support maritime commerce
 - Maintain operational depths
 - Fireboat emergency preparedness
- Who: Dredging Contractor - Dutra Dredging
- Regulatory Agency Authorizations: Dredged Material Management Office
 - U.S. Army Corp of Engineers
 - Regional Water Quality Control Board
 - Bay Conservation and Development Commission
 - CA Department of Fish and Wildlife
- Process: Pre-dredge sediment testing for disposal location approval

Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Agenda

- Port Maintenance Dredging Overview
- Fisherman's Wharf Dredging Background & Details
- Fisherman's Wharf Dredging Schedule
- Fisherman's Wharf Dredging Coordination



Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Fisherman's Wharf Dredging Background and Details

- Last dredged in 2005
- Pre-dredge sediment sampling - April 2024
- Dredging in 2024 to depths of -12 feet



Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Fisherman's Wharf Pre-Dredge Sampling



Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Anticipated Harbor Dredging Equipment

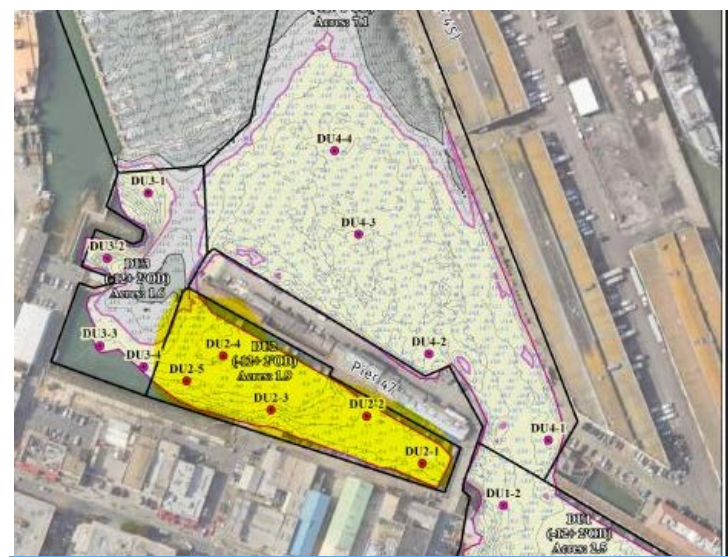


Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Fisherman's Wharf Dredging Schedule

- Priority dredging for Wharf J9 Replacement & Resilient Shoreline Project
 - July 2024
 - 10-day estimated duration
- Dredging other portions of Fisherman's Wharf
 - Before November 30, 2024
 - 40-day estimated duration



Port Maintenance Dredging Program

Fisherman's Wharf Dredging 2024

Fisherman's Wharf Dredging Coordination

- Port Real Estate: Tenant coordination
- Port Maritime Hyde St. Harbor Office: Berthholder coordination for temporary vessel relocation

Port Contacts:

- Dredging Project Managers: Shannon Alford (shannon.alford@sfport.com) and Zac Adami (zachary.adami@sfport.com)
- Real Estate Property Manager: Don Kavanaugh (don.kavanaugh@sfport.com)
- Hyde St. Harbor Office Harbormaster: Gabe Mikulich (gabriel.mikulich@sfport.com)



Waterfront Resilience Program Wharf J9 Replacement Project Update 5/1/2024



WRP WHARF J9 REPLACEMENT & RESILIENT SHORELINE PROJECT

Project Update, May 2024

Outline

- Project Overview (from November 2023)
- Phase 1: Float & Gangway – Construction Schedule

WHARF J9 REPLACEMENT & RESILIENT SHORELINE PROJECT

Project Vision (Phases 1 and 2)



Replace Wharf J9 Seawall and Wharf to create an earthquake and flood resilient shoreline section in the Fisherman's Wharf Outer Lagoon.

Include floating dock berthing for ADA accessibility to fishing industry including off the boat fish sales

Improve disaster response capability by providing earthquake reliable EFWS Fireboat Hydrant and berths

Improve public realm to better connect residents and visitors to working fishing industry and create a continuous waterfront experience

WHARF J9 PHASE 1 FLOAT & GANGWAY

Project Scope



WHARF J9 REPLACEMENT & RESILIENT SHORELINE PROJECT

Phase 1 Construction Information / Schedule

Awarded Contractor Team:

- Yerba Buena Engineering and Construction (LBE Prime)
- Power Engineering Construction (Marine Subcontractor)

Preliminary Schedule (Subject to change)

- | | |
|---|------------------------------------|
| • Contractor design-build components and material procurement | April – September 2024 |
| • Dredging of Outer Lagoon (by Port) | July 2024 |
| • Site mobilization | Mid-Late August 2024 |
| • Pile driving, in-water work, site utilities | September – October 2024 |
| • Substantial completion | November 1, 2024 |
| • Demobilization, final completion | November 2024 |
| • <i>Environmental in-water work window</i> | <i>June 15 – November 30, 2024</i> |

WHARF J9 REPLACEMENT & RESILIENT SHORELINE PROJECT

Construction Procedures

- **Pile driving** to occur only during mornings and afternoons. Vibratory hammers for pile driving as deep as possible. Impact hammers (with wood cushion blocks) only when required. Vibrations will be monitored around the area. Impact hammering could be scheduled around peak service times.
- **Al Scoma Way** to remain open to pedestrians and vehicles during normal operating hours. Work along Al Scoma Way to typically occur along the western edge. Some flagging may be needed for traffic control. Temporary roadways closures to public may be required, intended to occur during non-business hours or off-peak times.
- **Notices** of specific work to be provided with minimum 30-day notice.

WHARF J9 REPLACEMENT & RESILIENT SHORELINE PROJECT

Next Steps

More formal construction schedule and site plan can be reviewed with interested parties in June 2024.

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