

San Francisco: PG&E Pier 39-43.5 Offshore Remediation Project and Use of Pier 96 Terminal for Marine Construction Staging and Material Handling Facility

Port Southern Advisory Committee
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SITE LOCATION AND HISTORY



PROJECT MILESTONES



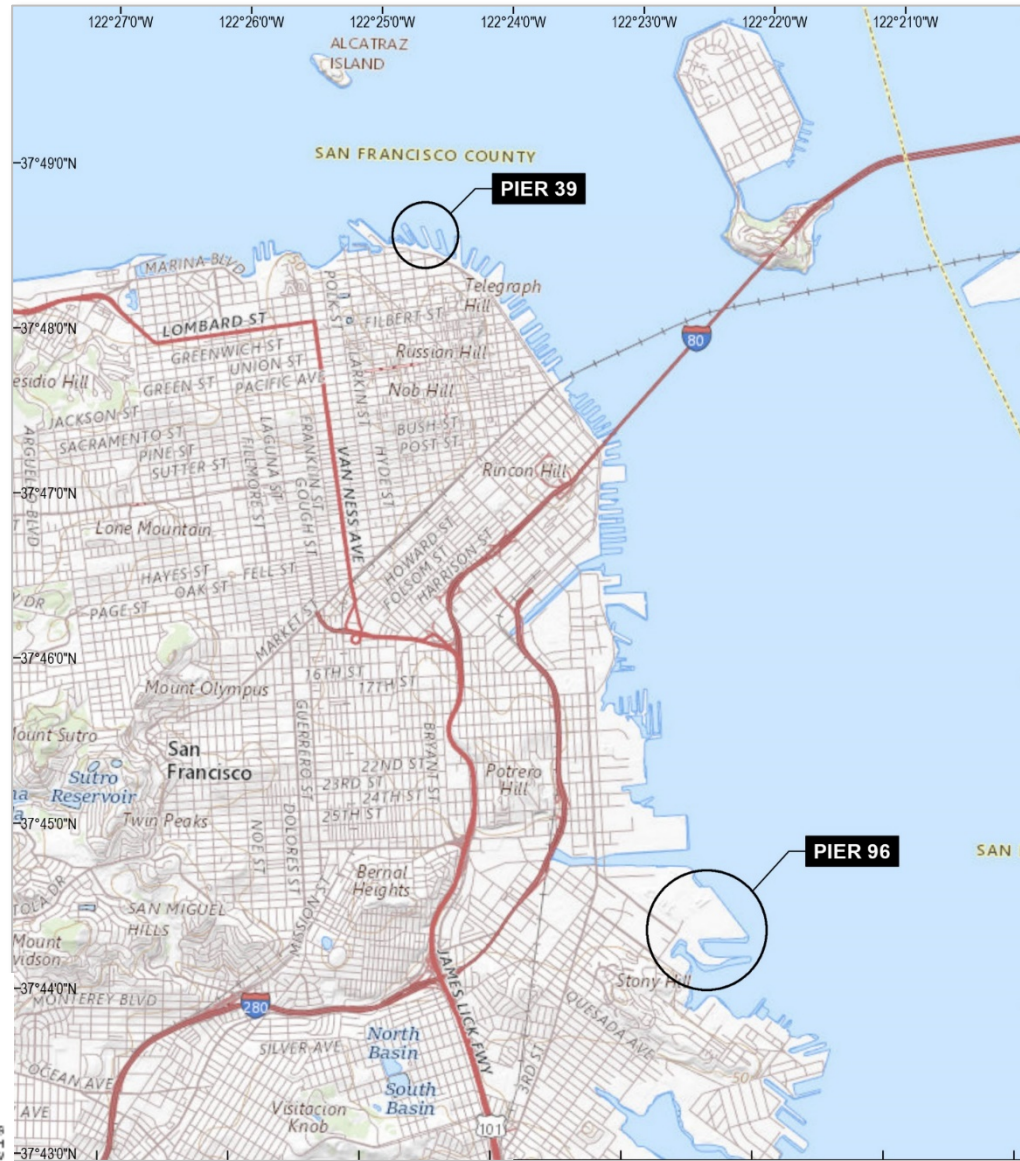
INVESTIGATIONS



RECOMMENDED REMEDIAL ALTERNATIVE



OUTREACH AND ENGAGEMENT



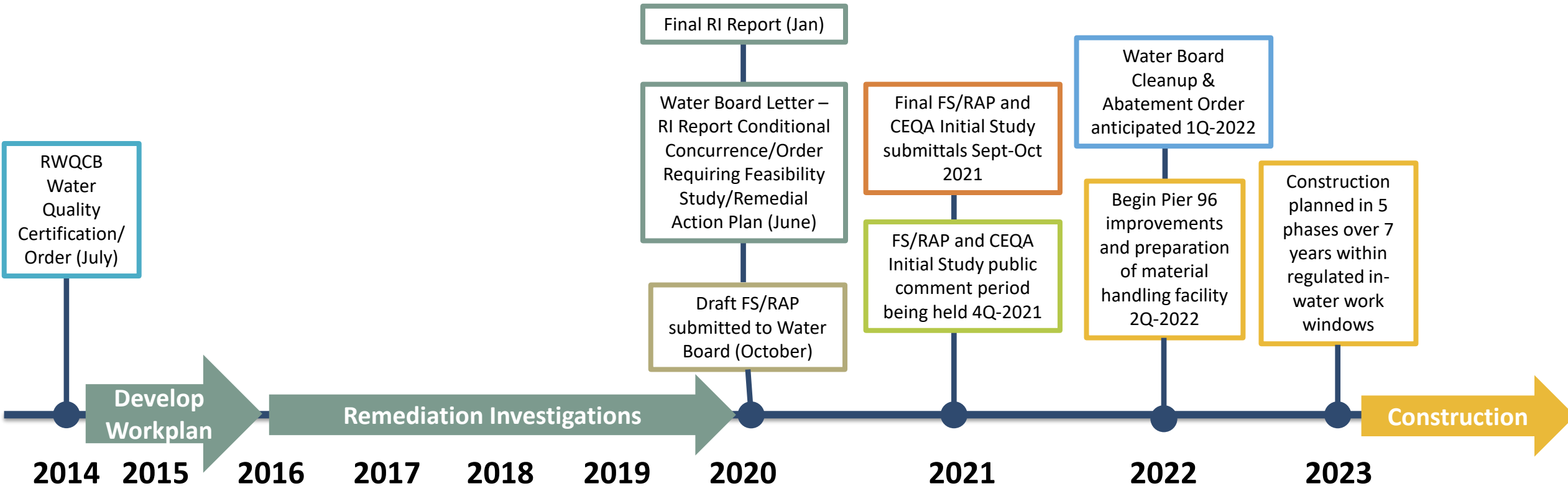
MAP SOURCE: USGS
USGS QUAD: SAN FRANCISCO NORTH
SITE COORDINATES: 37°43'N, 122°24'20"W

Former Beach Street Manufactured Gas Plant



Aerial photograph showing land use in the vicinity of the Former Beach Street MGP in 1905

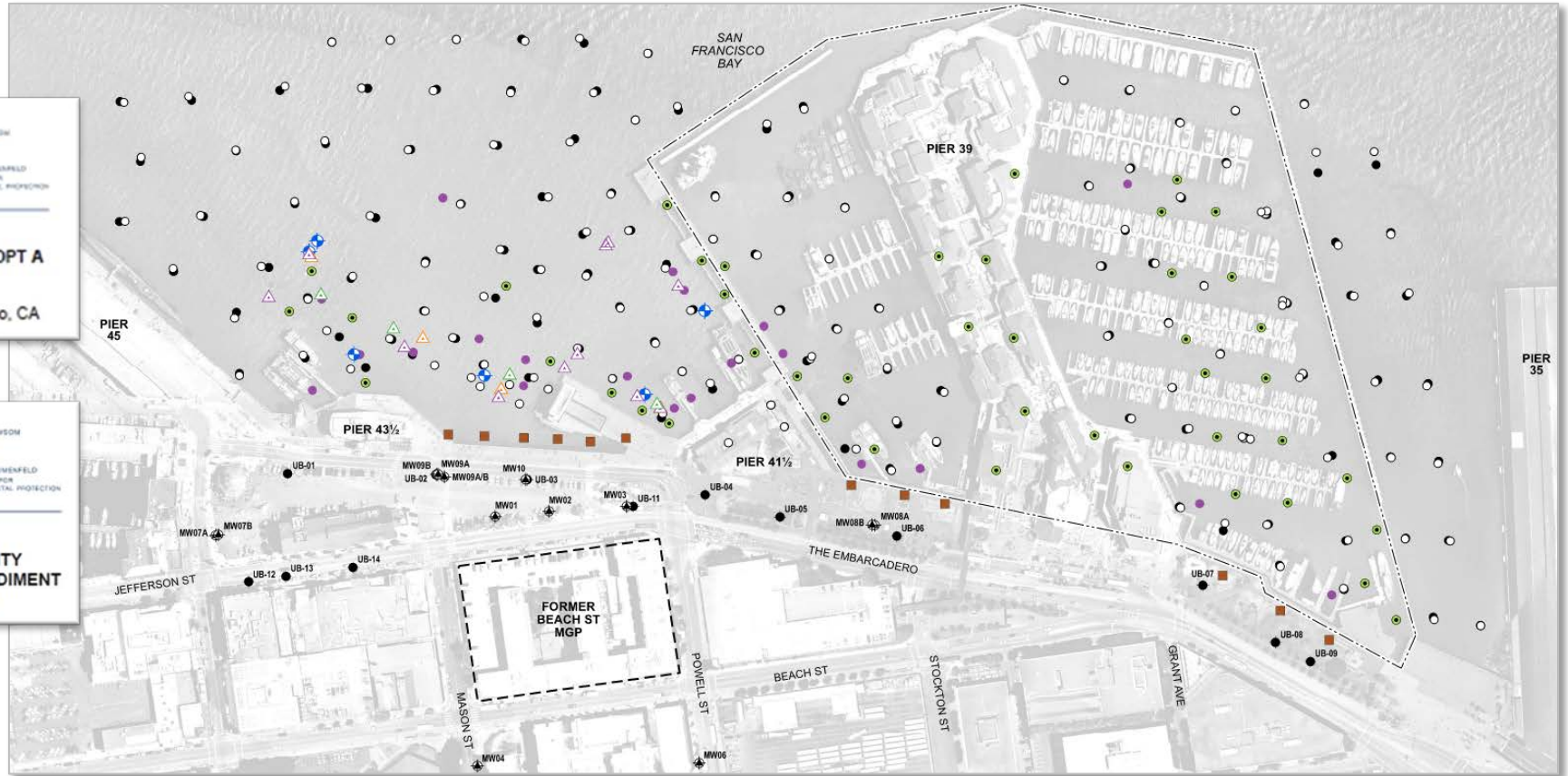


View looking west of the Former Beach Street MGP around 1906



LEGEND:



RWQCB Water Quality Certification Order	CEQA Initial Study	Remedial Construction
Remediation Investigations (RI)	Public Comment	
Feasibility Study/Remediation Action Plan (FS/RAP)	Water Board Cleanup & Abatement Order	

Pier 39-43.5 Investigation Locations














NOTICE OF AVAILABILITY OF PUBLIC REVIEW AND INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

Project Name: Sediment Remediation Project, Piers 39 to 43½, San Francisco, CA

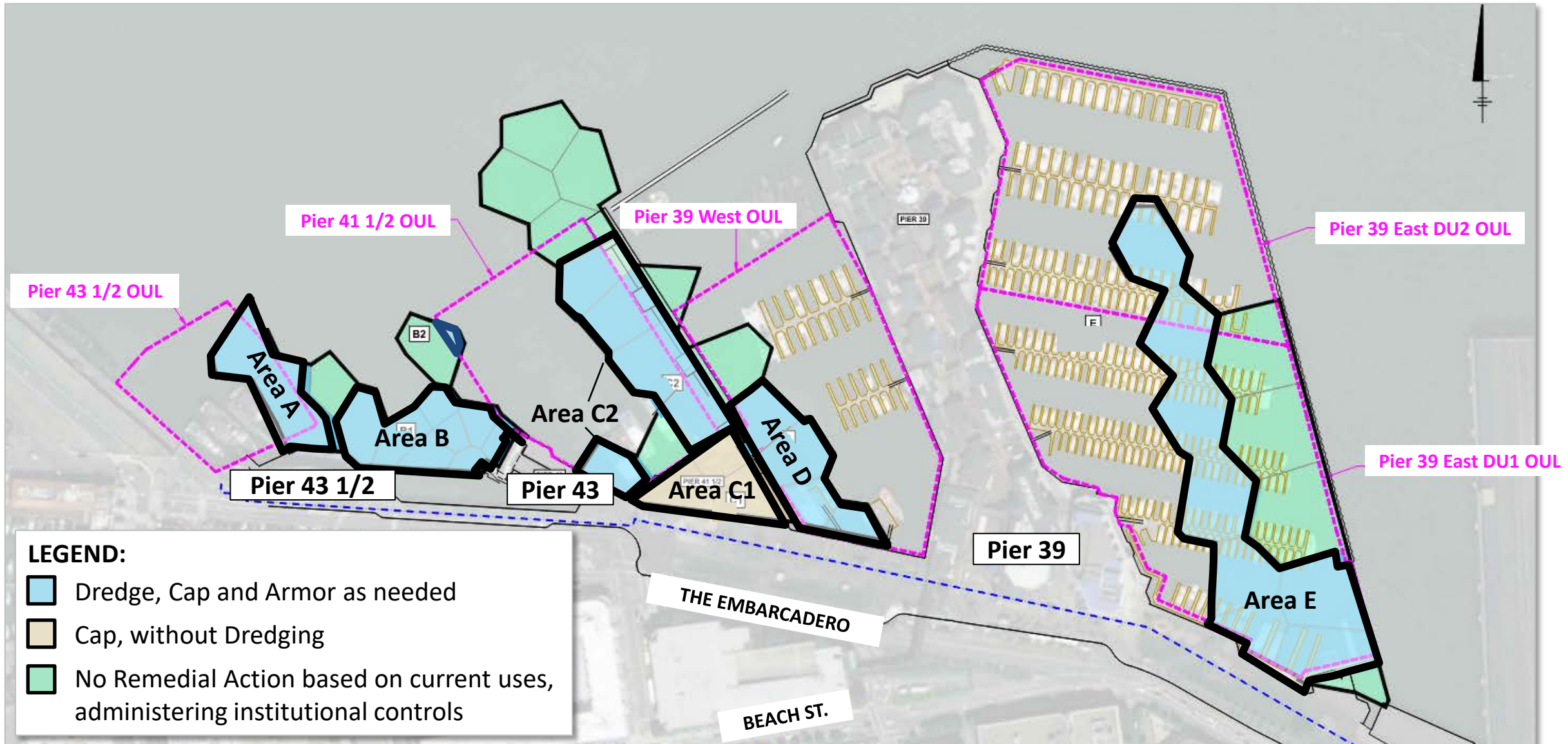



INVITATION FOR PUBLIC COMMENT OF THE DRAFT FEASIBILITY STUDY/REMEDIAL ACTION PLAN FOR THE PIER 39 TO PIER 45 SEDIMENT INVESTIGATION AREA IN SAN FRANCISCO, CALIFORNIA

LEGEND

- | | | |
|---|---|--|
|  COMPLETED PRE-DESIGN SAMPLE STATION |  VANE SHEAR (VS) |  PASSIVE SAMPLER |
|  TEST BORING |  VIBRACORE |  MONITORING WELL |
|  HYDRAULIC PROFILING TOOL (HPT) |  GRAB SAMPLE |  UPLAND BORING |
|  CONE PENETRATION TEST (CPT) |  GRAVITY CORE, PORE WATER, AND SURFACE WATER STATION |  PIER 39 MARINA |
| | |  FORMER BEACH STREET MANUFACTURED GAS PLANT (MGP) |

Pier 39-43.5 Recommended Remedial Alternative





Remediation Project Design, Permitting & Construction Schedule

	2020 to 2022				2023				2024				2025/2026				2027				2028				2029						
					1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			
Area: Pier																															
A: Pier 43 1/2	D&P				M	C			DM																						
B: Pier 43	D&P				M	C			DM																						
C: Pier 41 1/2					D&P				M	C			DM																		
D: Pier 39 West Basin													D&P				M	C			DM										
E: Pier 39 East Basin																	D&P				M	C			DM	M	C		DM		

Design & Permitting (D&P)
 Mob (M)
 Construction (C)
 Demob (DM)

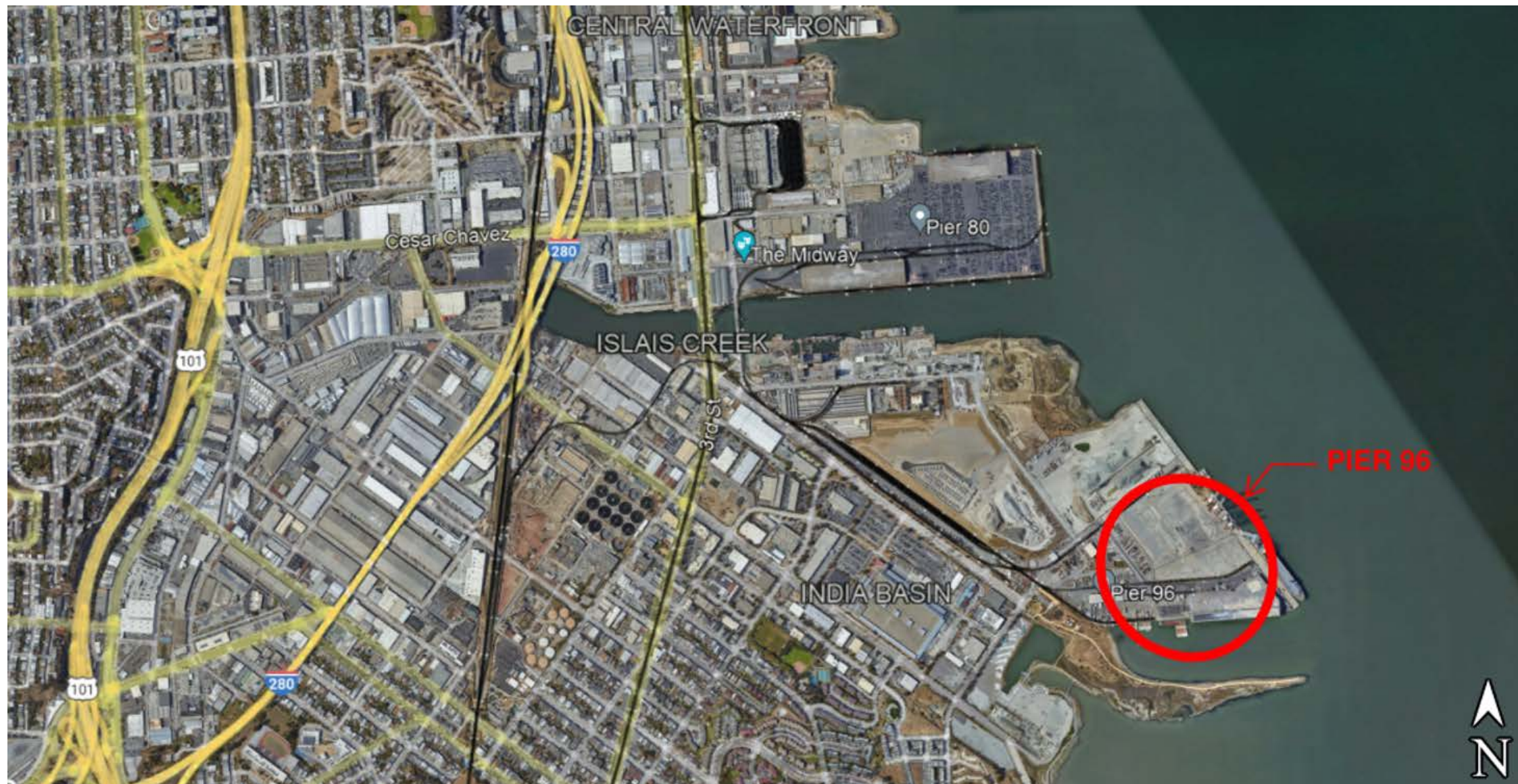
- KEY POINTS INCLUDE:**
- Multi-year design, permitting and field construction program to achieve remedial objectives and cleanup requirements for each area.
 - Construction scheduled by area over 5 years of work in-water windows (June 1 through November 30)
 - Mobilization/Demobilization will take approximately 1.5 months, before and after construction in each area



Remediation Project Agency Permits and Authorizations

Agency	Primary Project Permits/Approvals
US Army Corps of Engineers	Clean Water Act Section 404 and Rivers and Harbors Act Section 10 permits for work in Waters of the U.S. associated with debris removal, dredging, and capping, placing of armor and riprap, and temporary fill associated with temporary pilings and other structures.
U.S. Fish and Wildlife Service and National Oceanic & Atmospheric Administration National Marine Fisheries Service	Consultation, between USACE and Service, in compliance with the federal Endangered Species Act (Section 7 consultation), preparation of an essential fish habitat assessment under the Magnuson-Stevens Fishery Conservation and Management Act. An Incidental Harassment Permit pursuant to the Marine Mammal Protection Act issued by NOAA Silver Springs office.
State Office of Historic Preservation	Section 106 consultation and approval under the National Historic Preservation Act in connection with the Section 404 permit from USACE.
San Francisco Regional Water Quality Control Board	Approval of the FS/RAP, approval of the CEQA IS/MND, and issuance of a Clean Water Act Section 401 Water Quality Certification/Waste Discharge Requirements.
California Department of Fish and Wildlife	Documentation of compliance with the state Endangered Species Act; an Incidental Take Permit would be required prior to any take of species listed as threatened or endangered under the California Endangered Species Act that are not also considered “fully protected” species by the State of California.
San Francisco Bay Conservation and Development Commission	A permit (pursuant to the McAteer-Petris Act) for work in open water, marshes, and mudflats of the greater Bay and 100 feet inland from the shoreline around the Bay.

Pier 96 Marine Transloading and Material Handling Facility Operations





Permits for Pier 96 operations likely to include:

- Port of San Francisco Engineering Division Building Permit including confirmation of compliant site plans and documentation:
 - Traffic and Pedestrian Control Plan
 - Night Noise Permit
 - San Francisco Public Health, Article 22A (Maher)
 - San Francisco Public Health, Article 22B (Air Quality/Dust)
 - Erosion and Sediment Control Plan
 - Stormwater Pollution Prevention Plan
 - San Francisco Clean Construction Ordinance
 - San Francisco Environment Code: Construction & Demolition Debris Recovery Plan
- Bay Area Air Quality Management District - Permit for construction equipment likely Authority to Construct and Permit to Operate.
- San Francisco Public Utilities Commission, Wastewater Enterprise, Collection System Division - Batch Wastewater Discharge Permit required if discharging decant water to the sanitary sewer.
- San Francisco Regional Water Quality Control Board Site-specific National Pollutant Discharge Elimination System (NPDES) or Pre-treatment Permit required if discharging decant water to the Bay.
- San Francisco Bay Conservation and Development Commission -Permit notification for work as required.
- If in-water work is required (i.e., pile driving) state and federal permits authorizations would be obtained.

Project Outreach and Engagement



Ongoing engagement with Port staff and tenants most impacted by proposed remediation work



Regular updates to:

- Permitting Agencies
- Port Advisory Committees
- Port Commission



Project Fact Sheet mailed to all residents and businesses with 1,000 ft.



Regional Water Board Public Outreach during release of Feasibility Study/Remedial Action Plan and CEQA Initial Study for 30-day public review



Public review and comment of Regional Water Board Draft Cleanup & Abatement Order



For questions about **PG&E's MGP Program**, please call us at:

415-973-0270