

**Harbor Safety Committee
Of the San Francisco Bay Region**

**Report of the
U.S. Army Corps of Engineers, San Francisco District
February 13, 2025**

1. CORPS O&M DREDGING PROGRAM

Since the last HSC meeting on January 9, dredging has commenced at Richmond Inner Harbor while dredging at Oakland Harbor continues.

Planning for the FY25 dredging program is currently underway based on amounts identified in the FY25 President's Budget. A tentative schedule, subject to final FY25 appropriations actions and Work Plan funding, is attached to this report.

As always, future project schedules provided in this report are tentative and adjustments may be made as circumstances warrant.

FY 2024 CONTRACT DREDGING PROGRAM

- a. **Oakland Harbor** – A dredging contract solicitation was posted on sam.gov on April 2 with bid opening held on May 16. The contract was awarded to Curtin Maritime on June 7 with actual dredging commencing on September 1. **Dredging continues at Oakland Harbor. Estimated completion is late April.**
- b. **Richmond Inner Harbor** – A dredging contract solicitation was posted on sam.gov on October 11 with bid opening held on November 12. The contract was awarded to Manson Construction on November 26 with dredging commencing on January 3. **Estimated completion is early March.**

FY 2025 CONTRACT DREDGING PROGRAM

- a. **San Joaquin River (Port of Stockton)** – **Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for mid-May and dredging estimated to start early July.**
- b. **Sacramento River Deep Water Ship Channel** – **Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for late May and dredging estimated start to mid-July.**
- c. **Suisun Bay Channel and New York Slough** – **Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for late June and dredging estimated to start early August.**
- d. **Maritime Administration (MARAD) Suisun Bay Reserve Fleet (SBRF)** – **Planning and design for a maintenance dredging event at the service craft berthing area at MARAD SBRF is currently underway with contract award tentatively scheduled for early July and dredging estimated to start mid-August.**

- e. **Petaluma River** – Planning and design for a maintenance dredging event at Petaluma River is currently underway with contract award tentatively scheduled for mid-July and dredging estimated to start mid-August.
- f. **Military Ocean Terminal Concord (MOTCO)** – Planning and design for a dredging event at Wharf 2 at MOTCO is currently underway with contract award tentatively scheduled for late July and dredging estimated to start early September.
- g. **Redwood City Harbor** – Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for early August and dredging estimated to start mid-September.
- h. **Richmond Inner Harbor** – Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for early September and dredging estimated to start mid-October.
- i. **Oakland Harbor** – Planning and design for the FY25 dredging cycle is currently underway with contract award tentatively scheduled for late September and dredging estimated to start late October.

FY 2025 GOVERNMENT HOPPER DREDGING PROGRAM

- a. **San Francisco Main Ship Channel** – The Government Hopper Dredge Essayons is scheduled to dredge the San Francisco Main Ship Channel from the end of May until mid-June. The dredged material placement will be at the near-shore Ocean Beach Demonstration Site (OBDS), as in previous years.
- b. **San Pablo Bay (Pinole Shoal)** – Following completion of the Main Ship Channel, the Essayons will move to Pinole Shoal in mid-June and complete maintenance dredging there until end of June. Upon completion of Pinole Shoal, Essayons will depart the Bay Area.
- c. **Richmond Outer Harbor** – Dredging is deferred to FY26 to remain in compliance with the Water Quality Certification for SF Bay Area Dredging.

2. EMERGENCY (URGENT & COMPELLING) DREDGING: There are currently no emergency dredging events happening in the Bay Area.

3. DEBRIS REMOVAL – Debris removal for January was 23 tons. Dillard: 0 tons; Raccoon: 23 tons. Average debris removal for January from 2015 to 2024 is 169 tons (Range: 60 – 374). Dillard returned to Sausalito and is planned to resume service in late February.

BASEYARD DEBRIS COLLECTION TOTALS:

MONTH	RACCOON	DILLARD	MISC	TOTAL
2024	TONS	TONS	TONS	TONS
JAN	23	0	0	23
FEB				
MAR				
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

YR TOTAL
23

4. UNDERWAY OR UPCOMING HARBOR IMPROVEMENTS

Oakland Harbor Turning Basins Widening Study: This study will investigate and determine if there is a technically feasible, economically justifiable, and environmentally acceptable recommendation for federal participation in a navigation improvement project to the existing -50-foot Oakland Harbor Federal Navigation Project. The Draft Integrated Feasibility Report (IFR) was released on 17 December 2021 for public comment. A Draft IFR/EA and a 404(b)(1) analysis is now included as appendix A-3 of the Feasibility Study. A complete list of updates from the initial Draft IFR/EA is in the executive summary of the 2nd Draft IFR/EA. The Chief's Report was signed on 30 May 2024.

The 2023 Revised Draft IFR/EA can be found on our website:

<https://www.spn.usace.army.mil/Missions/Projects-and-Programs/Current-Projects/Oakland-Harbor-Turning-Basins-Widening/>

5. OTHER WORK

Regional Dredge Material Management Plan: The District Quality Control (DQC) review of the draft management plan and draft NEPA Environmental Assessment concluded in July. **Agency Technical Review, Public review, and USACE vertical team review have all been completed, and final revisions and comment responses are wrapping up. The final report draft is targeted for March, including second rounds of review, with a target to be ready for the FY26+ dredging program. Interim agency approvals will be coordinated for FY25 dredging.** Public outreach including tribal consultation are in progress. Study scopes to address data gaps identified by the Interagency Working Group (IWG) remain in progress - Sediment Transport Modeling (ERDC), Ecological Modeling, and Benefits Analysis/Decision Support Tools. Some results will not be available until after the targeted completion for the RDMMP, however the data will be applied to future DMMP revisions. **New site identification and coordination is also ongoing as new data becomes available.**

Information on the RDMMP and Public Review Documents (Draft Management Plan and NEPA EA) can be found on our website here:

<https://www.spn.usace.army.mil/Missions/Projects-and-Programs/Regional-Dredge-Material-Management-Plan/>

USACE Work Plan Web Address:

<http://www.usace.army.mil/Missions/Civil-Works/Budget/>

6. HYDROGRAPHIC SURVEY UPDATE

Address of Corps' web site for completed hydrographic surveys:

<http://www.spn.usace.army.mil/Missions/Surveys,StudiesStrategy/HydroSurvey.aspx>

The following surveys are posted:

Alameda Naval Navigation Channel: Condition survey of November 5-7, 2024.

Berkeley Marina (Entrance Channel): Condition survey of April 30, 2024.

Islais Creek Channel: Condition survey of July 21, 2023.

Larkspur Ferry Channel: Condition survey of December 12, 2023.

Mare Island Strait: Condition survey of November 13, 2024.

Marinship Channel (Richardson Bay): Condition survey of July 16, 2024.

Napa River: Condition survey of June 5-10, 2024.

Northship Channel: Condition survey of December 2-10, 2024.

Oakland Inner Harbor: Condition survey of June 13, 2024.

Oakland Inner Harbor (Brooklyn Basin): Condition survey of 15-20 January 2021.

Oakland Outer Harbor: Condition survey of June 13, 2024.

Petaluma River (Across-the-Flats): Condition survey of July 30-31, 2024.

Petaluma River (Main Channel): Condition survey of July 30-31, 2024.

Petaluma River (Extended Channel): Condition survey of November 2-4, 2022.

Pinole Shoal Channel: Condition survey of October 20-22, 2024.

Redwood City Harbor: After Dredge surveys of Dec 19-20, 29, 2024 and January 3, 2025.

Richmond Inner Harbor: Condition survey of October 17, 2024.

Richmond Inner Harbor (Santa Fe Channel): Condition survey of November 28, 2022.

Richmond Outer Harbor (Longwharf): Condition survey of October 3, 2024.

Richmond Outer Harbor (Southampton Shoal): Condition survey of October 2, 2024.

Sacramento River Deep Water Ship Channel: After Dredge survey of September 20 and 30, 2024, and October 3-10, 12, 14, 27, 2024.

San Bruno Shoal: Condition survey of May 30, 2024.

San Francisco Main Ship Channel: Condition survey of July 16, 2024.

San Leandro Marina (and Channel): Condition survey of March 30 and April 1, 2015.

San Rafael (Across-the-Flats): Condition survey of August 15-16, 2024.

San Rafael (Creek): Condition survey of August 15-16, 2024.

Stockton Ship Channel: After Dredge survey of November 1, 2, 11, 15, 22-23, 2024 and December 9-12, 15, 2024.

Suisun Bay Channel: After Dredge survey August 5, 11, 16 and 25, 2024.

Suisun Bay Channel (Bullshead Reach): After Dredge survey of August 5, 11, 16 and 25, 2024.

Suisun Bay Channel (New York Slough): Condition survey of January 23, 2025.

Suisun Slough: Condition survey of November 30 and December 1, 2022.

Disposal Site Condition Surveys:

SF-08 (Main Ship Channel Disposal Site): Condition survey of April 18, 2024.

SF-09 (Carquinez): Condition survey of November 1, 2024.

SF-10 (San Pablo Bay): Condition survey of October 18, 2024.

SF-11 (Alcatraz Island): Condition survey of November 14, 2024.

SF-16 (Suisun Bay Disposal Site): Condition survey of October 31, 2024.

SF-17 (Ocean Beach Disposal Site): Condition survey of April 18 and May 10, 2024.
































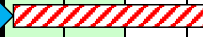

















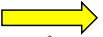






Requested Surveys:

Pre/Post-dredge and condition surveys have been completed for all of San Francisco District's in-bay projects dredged in FY23.

Channel Condition Report (CCR):

Attached is the Channel Condition Report (CCR) for all Corps maintained channels dated **7 FEB 2025**. The CCR is generated by the USACE eHydro database and is not a substitute for the controlling depths set by the SF Bar Pilots. Please see the respective bathymetric plots for locations (highlighted in red) of the shoaliest soundings reports in the CCR.

FY 2025 O&M DREDGING PLAN									
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Project	Target Solicitation	Target Bid Open	Target Award	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	Estimated CY	Contractor	Dredge Type	Placement Site	
				FY2025									FY2026							
CONTRACT CLAMSHELL OR CUTTERHEAD PIPELINE																				
Moss Landing Harbor	18-Mar	17-Apr	1-May													50kcy	TBD	Cutterhead or Clamshell	SF-12	
San Joaquin River	1-Apr	1-May	15-May													175kcy	TBD	Cutterhead or Clamshell	Various Upland	
Sacramento River	15-Apr	15-May	29-May													75kcy	TBD	Cutterhead or Clamshell	Various Upland	
Suisun Bay Channel	13-May	12-Jun	26-Jun													100kcy	TBD	Clamshell	SF-16	
MARAD SBRF	19-May	20-Jun	3-Jul													TBD	TBD	Clamshell	TBD	
Petaluma River	27-May	26-Jun	10-Jul													200kcy	TBD	Clamshell	TBD	
MOTCO Dredging	10-Jun	10-Jul	24-Jul													100kcy	TBD	Clamshell	Upland	
Redwood City Harbor	24-Jun	24-Jul	7-Aug													200kcy	TBD	Clamshell	BU SF-DODS	
Richmond Inner Harbor	22-Jul	21-Aug	4-Sep													350kcy	TBD	Clamshell	BU	
Oakland Harbor	8-Aug	8-Sep	22-Sep													750kcy	TBD	Clamshell	BU SF-DODS	
Noyo River					D	E	F	E	R	R	E	D				40kcy	TBD	Cutterhead	TBD	
WEST COAST HOPPER CONTRACT																				
Humboldt Bar & Entrance Channels	22-Jan	21-Feb	7-Mar													Base:600kcy Opt:300kcy	TBD	WCHC (Portland)	HOODS	
GOVERNMENT HOPPER																				
Humboldt Interior Channels	N/A	N/A	N/A													150kcy	Yaquina	Govt Hopper	HOODS	
Humboldt Bar & Entrance Channels	N/A	N/A	N/A													600kcy	Essayons	Govt Hopper	Nearshore	
SF Main Ship Channel	N/A	N/A	N/A													350kcy	Essayons	Govt Hopper	OBDS SF-8	
San Pablo Bay (Pinole Shoal)	N/A	N/A	N/A													250kcy	Essayons	Govt Hopper	SF-10 SF-11	
Richmond Outer Harbor	N/A	N/A	N/A		D	E	F	E	R	R	E	D				250kcy	Essayons	Govt Hopper	SF-10 SF-11	
   				West Coast Hopper Contract Gov't Dredge Yaquina Gov't Dredge Essayons								Env Window Mobilization Physical Dredging Hopper Dredging					  			

Date of Last Update: 2/5/2025

REPORT OF CHANNEL CONDITIONS

400 FEET WIDE OR GREATER

Page 1 of 2
Date 2/7/2025

To: Navigation Interests		From: US Army Engineer District, Sacramento 1325 J Street Sacramento, CA 95814-2922						
RIVER/HARBOR NAME AND STATE SUISUN SLOUGH CHANNEL CALIFORNIA					MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
San Francisco Mainship San Francisco Mainship	07-16-2024	2000	4.96	55	50.5	55.0	55.5	54.1
Redwood City Harbor Redwood City Harbor	01-03-2025	300 943	3.94	30	18.0	30.0	30.0	29.8
Richmond Inner Harbor Entrance Channel	09-04-2024	809 1021	0.96	38	34.9	36.0	35.8	34.8
Richmond Inner Harbor Approach Channel	09-04-2024	809 1201	3.09	38	33.4	34.4	35.8	33.5
Richmond Inner Harbor Santa Fe Channel	11-28-2022	195 509	0.37	38	25.6	27.4	27.1	21.2
Richmond Outer Harbor Richmond Outer Harbor	10-02-2024	600 1291	3.25	45	39.7	44.1	45.0	42.2
Richmond Outer Harbor Longwharf Turning Basin	10-03-2024	2188 5598	0.88	45	26.4	No Data	No Data	No Data
San Rafael ATF Across the Flats	08-15-2024	100	2.25	8	4.7	5.6	5.9	5.9
San Rafael River Inner Canal Channel	08-15-2024	60 160	1.55	6	3.6	4.5	4.8	4.8
Petaluma River Main Channel	07-30-2024	100 361	4.06	8	1.3	1.1	0.9	0.3
Petaluma River ATF Across the Flats	12-15-2020	200 206	5.68	8	6.3	8.8	8.3	8.2
Mare Island Strait Causeway to Asylum Slough	06-05-2024	75 245	3.19	15	2.2	8.7	9.0	7.2
Napa River Asylum Slough to Napa City	06-05-2024	102 183	9.92	10	2.0	4.4	2.7	0.9
Brooklyn Basin Brooklyn Basin	01-15-2021	147 1501	0.94	35	6.2	8.0	17.3	7.2
Brooklyn Basin Brooklyn Basin	01-15-2021	250 1010	2.74	35	8.4	3.9	3.0	3.0
Oakland Harbor Oakland Inner Harbor	06-13-2024	544 1997	4.62	50	45.7	47.5	48.6	47.6

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400 FEET WIDE OR GREATER

Page 2 of 2
Date 2/7/2025

To: Navigation Interests		From: US Army Engineer District, Sacramento 1325 J Street Sacramento, CA 95814-2922						
RIVER/HARBOR NAME AND STATE SUISUN SLOUGH CHANNEL CALIFORNIA					MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
Oakland Harbor		296						
Oakland Outer Channel	06-13-2024	1761	2.52	50	45.4	48.4	49.0	47.4
Humboldt Bay		500						
Bar and Entrance Channel	07-11-2024	2113	2.60	48	19.1	44.0	42.8	38.1
Humboldt Bay		400						
Eureka Channel	04-04-2024	416	1.69	26	2.0	3.8	11.4	7.0
Humboldt Bay		300						
Fields Landing Channel	04-04-2024	770	2.35	26	12.5	26.9	25.5	20.5
Humboldt Bay		400						
North Bay Channel	07-11-2024	657	3.04	38	31.1	39.1	38.9	33.5
Humboldt Bay		400						
Samoa Channel	04-04-2024	1000	1.83	38	33.2	35.1	34.5	17.6
Pinole Shoal Channel		600						
Pinole Shoal Channel	07-18-2024	1644	10.40	35	26.3	36.1	34.7	31.6
Suisun Bay Channel								
Suisun Bay (0+00 to 150+00)	01-30-2025	300	2.84	35	34.1	34.3	34.4	29.2
Suisun Bay Channel								
Suisun Bay (150+00 to 733+45)	10-11-2023	300	11.10	35	34.1	35.0	35.0	35.0
Suisun Bay Channel Anchorage						No	No	No
Suisun Bay Channel Anchorage	01-17-2023	400	0.90	35	34.4	Data	Data	Data
New York Slough		400						
New York Slough (0+00 to 232+03)	01-23-2025	411	4.42	35	33.1	34.5	34.7	34.7
Suisun Slough Channel		200						
Suisun Slough Channel	11-30-2022	250	15.85	8	5.9	5.9	5.9	6.1

REPORT OF CHANNEL CONDITIONS

400 FEET WIDE OR GREATER

Page 1 of 2
Date 2/7/2025

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RIVER/HARBOR NAME AND STATE SAN LEANDRO CALIFORNIA					MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
San Bruno Shoal San Bruno Shoal	09-28-2023	500	5.66	30	28.9	31.0	31.3	30.1
Richardson Bay/Marinship Richardson Bay/Marinship	11-07-2022	300 1069	2.11	20	4.7	5.2	5.3	4.8
Islais Creek Islais Creek	09-17-2024	500 1424	1.71	40	31.1	37.1	37.1	23.7
Alameda Naval Air Alameda Naval Air	11-05-2024	1000 4178	2.90	37	9.8	10.4	16.4	15.9
Mare Island Strait Mare Island Strait	11-13-2024	400 606	3.37	30	28.1	29.8	32.9	33.1
Larkspur Channel Larkspur Channel	02-24-2023	231 542	2.37	13	11.9	12.5	12.7	12.0
Northship Channel Northship Channel	12-02-2024	3576 4769	5.97	45	23.9	37.4	36.9	35.0
Berkeley Marina Berkeley Marina	05-24-2024	100 142	1.36	15	3.5	3.8	3.8	4.2
Bodega Bay Bodega Bay	10-20-2023	100 400	3.46	12	3.2	9.4	9.3	5.4
Moss Landing Moss Landing	07-24-2024	120 405	0.98	15	5.0	3.5	5.1	8.8
Noyo River Entrance Channel	05-08-2024	97 150	0.67	10	6.5	9.5	9.7	8.1
Noyo River Channel	05-08-2024	97 150	0.67	10	6.9	7.6	7.2	5.0
Crescent City Entrance Channel	12-19-2024	200 320	0.42	20	17.2	19.6	16.7	17.1
Crescent City Inner Harbor Basin Channel	12-19-2024	200 300	0.39	15	14.7	15.5	15.5	13.3
Crescent City Marina Access Channel	12-19-2024	228 170	0.22	15	4.7	10.0	12.0	9.2
SAN LEANDRO MARINA Approach Channel	03-30-2015	200	3.50	7	2.8	3.6	3.4	3.2

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400 FEET WIDE OR GREATER

Page 2 of 2
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
SAN LEANDRO MARINA North Arm	03-15-2010	170	0.30	7	2.7	3.6	3.8	3.9
SAN LEANDRO MARINA South Arm	03-15-2010	150	0.30	7	3.3	4.7	4.6	4.8