

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

**Report of the  
U.S. Army Corps of Engineers, San Francisco District  
April 9, 2020**

**1. CORPS O&M DREDGING PROGRAM**

The following report covers the planned FY 2020 dredging program for San Francisco Bay. While this program is subject to change based on a number of variables, it is based on actual FY 20 appropriations including the FY 2020 Work Plan. Please refer to the Local Notice to Mariners for details of dredge operations.

**FY 2020 DREDGING**

- a. **SF Main Ship Channel** – Planning for the FY20 dredging episode is currently underway with start of dredging tentatively scheduled for early June 2020 by Essayons.
- b. **Richmond Inner Harbor** – Planning for the FY20 dredging episode is currently underway with start of dredging tentatively scheduled for mid-June 2020.
- c. **Richmond Outer Harbor (and Richmond Long Wharf)** – Per environmental requirements, Richmond Outer Harbor and San Pablo Bay (Pinole Shoal) are hopper-dredged in alternating years. Pinole Shoal was dredged in FY19, thus, Richmond Outer is scheduled for dredging in FY20. Planning is currently underway with start of dredging tentatively scheduled for mid-June 2020 by Essayons.
- d. **Oakland Harbor** – Planning for the FY20 dredging episode is currently underway with start of dredging tentatively scheduled for mid-June 2020.
- e. **Redwood City Harbor** – The FY19 dredging was completed at the end of January 2020. Since Redwood City is on a two-year cycle, the next dredging episode is planned for FY21. Work planned for FY20 includes condition surveys and preliminary prep for the next dredging cycle.
- f. **San Pablo Bay (Pinole Shoal)** – Per environmental requirements, Richmond Outer and San Pablo Bay (Pinole Shoal) are hopper-dredged in alternating years. Pinole Shoal was dredged in FY19, next scheduled dredging will occur in 2021.
- g. **Suisun Bay Channel (and New York Slough)** – Planning for the FY20 dredging episode is currently underway with start of dredging tentatively scheduled for mid-August 2020.
- h. **Petaluma River Channel** – This project received FY20 Work Plan funding for dredging. Planning is currently underway with start of dredging tentatively scheduled for late August 2020.

**2. DEBRIS REMOVAL** – Debris removal for March 2020 was 49.5 tons. Dillard: 5.5 tons; Raccoon: 15 tons; other boats: 29 tons including, 4 abandoned vessels. Average for March from 2010 to 2019 is 82 tons (Range: 11-231.5 tons).

**BASEYARD DEBRIS COLLECTION TOTALS:**

<b>MONTH</b>	<b>RACCOON</b>	<b>DILLARD</b>	<b>MISC</b>	<b>TOTAL</b>
2020	TONS	TONS	TONS	TONS
JAN	45	57	28	130
FEB	33	39	45	117
MAR	15	5.5	29	49.5
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

YR TOTAL
296.5

**3. UNDERWAY OR UPCOMING HARBOR IMPROVEMENTS**

None to report.

**4. EMERGENCY (URGENT & COMPELLING) DREDGING**

None to report.

## 5. OTHER WORK

**San Francisco Bay to Stockton** – The Final EIS for San Francisco to Stockton Navigation Improvement Project was published on March 6, 2020. The Final EIS is available on the San Francisco District website, at the following web address: <https://www.spn.usace.army.mil/Missions/Projects-and-Programs/Projects-by-Category/Projects-for-Navigable-Waterways/San-Francisco-Bay-to-Stockton-JFB/>

**Pinole Shoal Channel CATZOC** – On 27 Mar 2020, the category zone of confidence (CATZOC) for Pinole Shoal Channel was upgraded from "B" to "A1". This upgrade will increase shipping efficiency through this critical navigation channel. The upgrade was the result of a collaborative effort between USACE, the NOAA Office of Coast Survey and navigation stakeholders. USACE would like to thank Jeff Ferguson and Peter Holmberg at NOAA for their hard work and cooperative spirit.

**Regional Dredge Material Management Plan:** On July 19, 2019, the Corps held a public meeting to discuss a Regional Dredge Material Management Plan for the Bay in which many people expressed concern about studies being conducted by the Corps related to the San Francisco Bay to Stockton Navigation Improvement Project. The U.S. Army Corps of Engineers San Francisco District hosted a public meeting on Wednesday, Nov. 13th to present an overview of the District's Navigation Program. The meeting is part of an effort by the Corps to evaluate the agency's San Francisco Bay navigation program in order to best position the program for success over the next several decades. The meeting took place from 6-8 p.m., at the Pinole Library located at 2935 Pinole Valley Rd, Pinole, Calif., 94585. The meeting was held as an opportunity for the public to provide further input about those studies and our navigation program in general.

The draft can be found at:

<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

## 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 Point Navigation Channel:** Condition survey of December 27, 2019.

**Berkeley Marina (Entrance Channel):** Condition survey of July 17, 2019.

**Islais Creek Channel:** Condition survey of July 12, 2019.

**Larkspur Ferry Channel:** Condition survey of July 11, 2019.

**Main Ship Channel:** Condition survey of February 11, 2020.

**Mare Island Strait:** Condition survey of September 30, 2019.

**Marinship Channel (Richardson Bay):** Condition survey of August 6, 2019.

**Napa River:** Condition survey of March 5, 10-11, 2020.

**Northship Channel:** Condition survey of June 27, 2019.

**Oakland Inner Harbor:** Condition survey of March 26, 2020.

**Oakland Outer Harbor:** Condition survey of March 26, 2020.

**Petaluma River (Across-the-Flats):** Condition survey of December 19, 2017.

**Petaluma River (Main Channel):** Condition survey of December 12-13, 2017.

**Petaluma River (Extended Channel):** Condition survey of March 19-26, 2018.

**Pinole Shoals Channel:** Condition survey of March 19-25, 2020.  
**Redwood City Harbor:** Condition survey March 30 & April 1, 2020.  
**Richmond Inner Harbor:** Condition survey of March 11-12, 2020.  
**Richmond Inner Harbor (Santa Fe Channel):** Condition survey of December 20, 2016.  
**Richmond Outer Harbor (Longwharf):** Condition survey of March 19, 2020.  
**Richmond Outer Harbor (Southampton Shoal):** Condition survey of March 18, 2020.  
**Sacramento River Deep Water Ship Channel:** Condition survey of February 18-21, 2020.  
**San Bruno Shoal:** Condition survey of September 26, 2019.  
**San Leandro Marina (and Channel):** Condition survey of March 30 and April 1, 2015.  
**San Rafael (Across-the-Flats):** Condition survey of September 24, 2019.  
**San Rafael (Creek):** Condition survey of September 24, 2019.  
**Stockton Ship Channel:** Condition survey of February 12-17, 2020.  
**Suisun Bay Channel:** Condition survey of January 28-31, 2020.  
**Suisun Bay Channel (Bullshead Reach):** Condition survey of January 28-31, 2020.  
**Suisun Bay Channel (New York Slough):** Condition survey of February 11, 2020.

Disposal Site Condition Surveys:

**SF-08 (Main Ship Channel Disposal Site):** Condition survey of June 11, 2019.  
**SF-09 (Carquinez):** Condition survey of January 3, 2020.  
**SF-10 (San Pablo Bay):** Condition survey of January 3, 2020.  
**SF-11 (Alcatraz Island):** Condition survey of March 4, 2020.  
**SF-16 (Suisun Bay Disposal Site):** Condition survey of October 2, 2019.  
**SF-17 (Ocean Beach Disposal Site):** Condition survey of October 24, 2019.

#### **Requested Surveys:**

Pre/Post-dredge and condition surveys are scheduled to occur throughout the year for all of San Francisco District's in-bay projects which are planned to be dredged in FY20.

**NEW WEB ADDRESS – USACE WORK PLAN:**

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

## 2020 O&M DREDGING PLAN\*

Annual	Bid Opening Award Date	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	Estimated CY	Dredge Type	Placement Site
		FY2019			FY2020									FY 2021							
Oakland Harbor	12 Apr/21 Apr										Mob								850kcy	Contract Clam Shell	SF-DODS
Richmond Inner Harbor	24 Apr/4 May										Mob								400kcy	Contract Clam Shell	SF-DODS
Stockton Channel	1 Jun/14 Jun										Mob								300kcy	Contract Pipeline	Various Upland
Suisun Bay Channel	15 Jun/29 Jun										Mob								74kcy 33kcy	Contract Clam Shell	Upland SF-16
SF Main Ship Channel	N/A																		350kcy	Gov Hopper	OBDS/SF-8
Richmond Outer Harbor	N/A																		250kcy	Gov Hopper	SF-11/SF-10
Humboldt Bar & Interior Channels	N/A																		1500kcy	Contract Hopper	HOODS
Workplan Funds Received with preliminary order of Priority																					
Sacramento Channel	22 Jun/29 Jun										Mob								150kcy	Contract Pipeline	Various Upland
Petaluma O&M	19 Jun/7 Jul										Mob								250kcy	Clam Shell/ Pipeline	Upland, SF-10
Moss Landing O&M	3 Jul/14 Jul										Mob								90kcy	Hopper/Clam Shell w/Pipe	SF-14, Beach Site
Noyo O&M	1 Jun/8 Jun										Mob								50kcy	Pipeline	Upland Disposal Site
Crescent City	10 Jul/17 Jul										Mob								20kcy	TBD	TBD
San Rafael	P&S Only																		TBD	TBD	TBD
Solicitation Bid Opening Contract Award Hopper Dredging		Environmental Window Mobilization New SPN Contract Funded for P&S only																			

\* Program execution is based on the FY20 Workplan plus FY19 Carryover.