

2-342-A Site Summary - Newark/Plummer Creek**2-342-A****County:** Alameda **ACP Division/Segment:** AL - I - S001 AL - J - S001**NOAA Chart:** 18654 San Francisco Bay Southern Part **Map Book:** AAA Fremont - N **Decimal Degrees:** 37.503775 -122.085401**Site Description:**

Newark Slough and Plummer Creek join and form one outlet to South San Francisco Bay two miles SE of Dumbarton Bridge (Hwy 84). Extensive salt-marshes with numerous tidal channels extend over a mile to the north and south of the inlet. The entire area including much of the offshore mudflats is part of the USFWS San Francisco Bay Wildlife Refuge. Mudflats are shallow and extensive and are cut with deep tidal channels. Bay frontage is cordgrass salt-marsh. Newark Slough and Plummer Creek are leveed and bordered by Cargill salt ponds.

Resources at Risk:*ESI and Habitat:* 10A Salt - and brackish-water marshes**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	California least tern	FE, SE	Apr-Sep	Apr-Jun
Birds	peregrine falcon	FP, SP	Year-round	Mar-May
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	Northern harrier	FP, SSC	Year-round	Jun-Jul
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Mammals	harbor seal	FP	Year-round	Mar-May

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
E	/Dispatch, 24-hr	Alameda County Sheriffs Department	(510) 667-7721
E	/Supervisor	Cargill Salt	(641) 670-0654
E	/Strategic Action Coordinating Official	US Army Corps of Engineers	(415) 503-6573
O	/Office	Point Blue Conservation Science	(707) 781-2555
T	/Spill Response Coordinator	USFWS, SF Bay-Delta Office	(916) 799-0588

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

Concerns and Advice to Responders:

The primary concern is oil penetrating the marsh by being carried up creeks and small tidal channels. The secondary concern is oiling of pinnipeds and impacts to marsh and wildlife. First objective is to exclude oil from entering marsh via tidal channels; secondary objective is to deflect oil away from marsh; and the final objective is protective booming of marshfront. There is always the concern that response and cleanup activity will damage marshes: trampling of vegetation, pushing oil into sediments and disturbing wildlife.

Hazard and Restrictions:

Shallow water. Levee roads impassable in winter.

Site Strategies:**Site Validation Level: II**

Strategy: 2-342.1 Objective: Exclusion/Diversion boom to prevent oil from entering channel between bay and site.

Strategy: a. Offshore skimming by on-water task force (see GRP-2-400).

b. Deflection booming off mudflat break with 9X9+ Hboom.

c. Plug small finger sloughs and channels inside Newark Slough with fence boom, sorbent, and swamp boom.

d. Deploy curtain boom from west side of mouth back into Plummer Creek's eastern shore. Also deploy harbor boom along east shore of mouth from bayfront back to skimmer pocket.

e. Use skimmer in channel or possibly vac truck with skimmer from shore levee in Plummer Creek (dry season only).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		8000	feet	
Boom	Swamp	6x6 inch		1000	feet	
Boom	Sorbent			5000	feet	
Anchor	Danforth	22 lbs		25		
Vessel	Boom Boat			3		
Vessel	Skiff or Punt			2		
skimmer	shoreside			1		
Staff	Staff to Deploy			12		
Staff	Staff to Tend			2		

Logistics:

Directions: Take Hwy 880 south to the Thornton Avenue exit. Proceed east on Marshland Road. Need San Francisco National Wildlife Refuge assistance for access via Levee Road. Access to Newark Slough possible through the Cargill Plant. NOTE: Access to levee only during dry months. Access may be limited to small vehicles. Tractor trailer rigs may not be able to access area.

Land Access: 2WD,4WD,ATV in DRY SEASON ONLY, hovercraft or airboat in wet season.

On-Water Limitations: SHALLOW DRAFT VESSELS<6'. Launch ramps at Redwood City for large vessels Small boat launch (punts, airboats, kayaks) at SFBNWR HQ on Newark

Facilities, Staging Areas, Command Posts, Available Equipment: Large staging area available at Redwood City Harbor. Small staging area and field post possible at National Wildlife Refuge HQ. Command Post available at Alameda County OES.

Communications Problems: Cell reception good.

