

2-344-A Site Summary - Mowry Slough**2-344-A****County:** Alameda **ACP Division/Segment:** AL - J - S001 AL - K - S001**NOAA Chart:** 18654 San Francisco Bay Southern Part **Map Book:** AAA Fremont - N **Decimal Degrees:** 37.491866 -122.051417**Site Description:**

Mowry Slough is a large, linear salt-marsh along the east side of south San Francisco Bay bounded on the northwest by Newark Slough, on the east by Cargill salt pond levees, and on the west by San Francisco Bay. Mowry Slough is bordered by mudflats and salt-marshes. The adjacent pickleweed and cordgrass marshes are included within this site. Many primary/secondary channels are present along its length, conveying water into the distant interior portions of the salt-marsh. Most of this site is included in the USFWS South San Francisco Bay National Wildlife Refuge.

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

9 Hypersaline tidal flats

6B Riprap

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Birds	peregrine falcon	FP, SP	Year-round	Mar-May
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Mammals	salt-marsh wandering shrew	SSC	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
O	/Dispatch, 24-hr	The Marine Mammal Center	(415) 289-7350
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:

California Ridgeway's rail nesting area and harbor seal rookery.

Concerns and Advice to Responders:

The concern is to prevent oil from being carried into the marsh via large and small tidal channels and minimize oiling of marsh fronts. Should oil enter the marsh there will be injury and death of marsh vegetation, small mammals, shorebirds and waterfowl, including endangered and threatened species. There is also the concern that response and cleanup activity will result in trampling of marsh, pushing oil into sediments, and disturbing wildlife.

Hazard and Restrictions:

Levee roads impassable in wet seasons. Shallow water. Seas may reach up to 2 feet.

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

Strategy: 2-344.1 Objective: Deflect oil from marshes to be recovered on-water by skimmers. Prevent oil from entering the slough.

Strategy: a. Offshore mechanical collection with on-water recovery task force.

b. Use Hboom or double layers of smaller boom to deflect oil from marshes into skimmer in Mowry Slough channel near mouth.

c. Plug small slough channels along marshfront w/ Sboom and sorbent booms.

d. Line marsh front with Sboom or oil snare (pom-poms) and/or sorbent booms.

e. If possible use Sboom at mudflat shelf break to deflect oil away from slough channel.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		10000	feet	
Boom	Swamp	6x6 inch		10000	feet	
Anchor	Danforth	22 lbs		50		
Vessel	Boom Boat			4		
Vessel	Skiff or Punt			3		
Staff	Staff to Deploy			18		
Staff	Staff to Tend			2		

Logistics:

Directions: Access area through Cargill Plant (from north) and Durham Landfill (from south).

Land Access: Large truck on gravel levees during dry season. For access, coordinate thru USFWS Personnel.

On-Water Limitations: Shallow draft vessels <6'. Vessel launch ramp and services at Redwood City. Small vessels may launch in Newark Slough near National Wildlife Refuge HQ at high

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 may be available at Alameda County OES.

Communications Problems: Cell reception good.

