

**2-480-A Site Summary - Albany Marsh****2-480-A****County:** Contra Costa **ACP Division/Segment:** CC - Z - S029 AL - A - S001 AL - A - S002**NOAA Chart:** 18649/18650 Entrance **Map Book:** AAA West Contra **Decimal Degrees:** 37.893846 -122.31531 to SF Bay**Site Description:**

This site includes the embayment and tributary salt-marshes between Point Isabel peninsula and the Golden Gate Fields Peninsula. Both peninsulas are primarily fill and rip-rapped along most of their perimeter. The two peninsulas roughly form a rectangle with the back salt-marsh making the shore end. The back bay marsh is pickleweed marsh fronted with a sheltered tidal flat extending and very gradually deepening bayward and around the south side toward the mouth. Over half the bay is exposed tidal flat at low tides. There is little to no wave action at the marsh margin and very little past the mouth. The extensive tidal flats are used by shorebirds for foraging and by water birds for shelter. Most of this site is managed by East Bay Regional Park District (EBRPD).

**Resources at Risk:**

*ESI and Habitat:* 9A Sheltered tidal flats  
6B Riprap  
9B Vegetated low banks

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	California Ridgeway's rail	FE, SE		Feb-Aug
Birds	Alameda song sparrow	SSC		
Birds	migratory waterfowl	FP	Apr - Sep	
Fish	longfin smelt	ST		Nov-May
Mammals	salt-marsh harvest mouse	FE, SE		
Plants	California seablite	FE, SSSP		Jul-Oct

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	/Dispatch	California Department of Parks and Recreation	(916) 358-1300
E	/Dispatch, 24-hr	Contra Costa Water District	(925) 688-8374
E	/Dispatch, 24-hr	East Bay Regional Park District	(510) 881-1833
E	/Shoreline Park Supervisor	East Bay Regional Park District	(510) 881-1832
O	/Dispatch, 24-hr	The Marine Mammal Center	(415) 289-7350
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 468-4421

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 concern here is the back bay which has extensive shallow mudflats and pickleweed salt-marshes which support listed species. The habitat is very sensitive and almost impossible to cleanup. Keep oil from entering the mouth of the bay and/or to divert it to shore near the mouth for collection. Please stay out of the marsh and mudflats and avoid trampling vegetation or oil into sediments.

**Hazard and Restrictions:**

The water is reasonably deep at the mouth, but becomes progressively shallower as you proceed inward to shore. Beware of possible submerged obstructions.

**Site Strategies:****Site Validation Level: III**

**Strategy: 2-480.1 Objective:** Exclude oil from embayment on west or northwesterly winds.

**Strategy:** Deploy boom from the Golden Gate Fields Peninsula to Pt. Isabel: 1500' 9X9+ Hboom. Leave loose boom at each shoreline anchorage to maintain boom seal when tide is low. In most conditions a second layer of boom will be required to intercept and exclude oil washed over the first layer by wave actions (see 2-480.3). If potential for collection exists, establish collection pocket on Pt. Isabel, with shallow water skimmer and vac truck: double line the collection pocket: advise Incident Command:

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	<i>Strategy Updated: 2/19/2015</i>
Boom	Sorbent			100	feet	<i>Last Test: 2/19/2015</i>
Anchor	Danforth	22 lb		8		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-480.2 Objective:** Exclude oil from embayment on southwesterly winds.

**Strategy:** Deploy boom from the Golden Gate Fields Peninsula to Pt. Isabel: 1700' 9X9+ Hboom. In most conditions a second layer of boom will be required to exclude oil washed over the first layer by wave actions (see 2-480.3). If significant oil possible: establish collection pocket on Golden Gate Fields Peninsula and deploy shallow water skimmer and vac truck : double line the collection pocket.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1700	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	22 lb		9		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
skimmer	shoreside			1		
Staff	Staff to Deploy			8		

**Strategy: 2-480.3 Objective:** Backup initial exclusion strategy when strong winds or wave conditions are likely to move oil past initial exclusion deployment.

**Strategy:** Repeat the deployment with a second deployment (1,500 ft for 2-456.1 or 1,700 ft for 2-456.2) of swamp boom. Front the deployment with sorbent (1500-1700' sorbent).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		3200	feet	
Boom	Sorbent			1700	feet	
Anchor	Danforth	22 lb		12		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-480.4 Objective:** Skimming when skimmable thicknesses of oil are present.

**Strategy:** A skimming pocket will be necessary to keep oil from getting behind exclusion and to ensure that collection oil is focused to skimmer. Back the skimming pocket with sorbents (or Oil Snare if oil is group 4 or 5). Shallow water skimming head will be needed. Whether skimming with 2-456.1 or 2-456.2 exclusion, in both situations the backup exclusion is advisable (2-456.3).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		200	feet	
Boom	Sorbent			200	feet	
Anchor	Danforth	22 lb		3		
Vessel	Skiff or Punt			1		
skimmer	shoreside			1		
Staff	Staff to Deploy			4		

### Logistics:

**Directions:** There is access to this area from Pt. Isabel Regional Park: From I-80 or I-580 just south of Richmond, exit on Central Ave and drive bayward to Pt. Isabel. (There is also access on the south shore through Golden Gate Fields at Buchannon St exit) By water, the inlet is 2 miles north of Berkeley Marina or Richmond Marina about a mile north of Pt. Isabel.

**Land Access:** Access good all types except on marsh margin. Coordinate with EBRPD Personnel for access.

**On-Water Limitations:** Very shallow particularly toward back. Beware, obstructions, Launching, gas, and moorage at Richmond Marina and Berkeley Marina.

**Facilities, Staging Areas, Command Posts, Available Equipment:** Full facilities and staging both Richmond and Berkeley. Boom can be delivered to shoreline for deployment at Point Isabel or south side point.

**Communications Problems:** Cell reception good throughout the area.

