

**2-346-A Site Summary - Coyote Creek****2-346-A****County:** Santa Clara **ACP Division/Segment:** AL - L - S001 AL - L - S002**NOAA Chart:** 18654 San Francisco Bay Southern Part **Map Book:** **Decimal Degrees:** 37.461085 -122.035572**Site Description:**

This site extends from the mouth of Coyote Creek at the southeast corner of South San Francisco Bay upstream to Hwy 880/237 junction and includes all marshes and tributaries. Shoreline Marshes are under management of USFWS. Coyote Creek is the primary drainage for the Santa Clara Valley. The creek mouth is five miles southeast of the Dumbarton Bridge and the mouth is over a mile wide. Extensive salt-marshes and mudflats occur near its mouth and along the creek's shores. The mudflat along the north shore has deeply carved channels (5 ft+) from the marsh to the deep water channel. Alviso and Guadalupe Sloughs both branch off its south side not far from the mouth.

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

9 Hypersaline tidal flats

9B Vegetated low banks

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Birds	peregrine falcon	FP, SP	Year-round	Mar-May
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
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:**

A variety of bird species nest and winter in this area.

**Concerns and Advice to Responders:**

Primary concern is to stop oil from entering (or, if oil originates inland, leaving) the Creek by exclusion booming the mouth. Once oil has entered the creek, the concern is that oil will be transported to the interior of bordering marshes via the deep side tidal channels. If marshes become oiled, concerns are that marsh may become damaged by cleanup and foot traffic and oil may be trampled into sediments. Minimize damage to plants, wildlife and birds from foot traffic.

**Hazard and Restrictions:**

Aircraft, beware of overhead power lines and towers. Vessels beware of shallow water and tide height.

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

**Strategy: 2-346.1 Objective:** Deflect oil away from marshes, keep oil in deep water channel & skim

*Strategy:* a. Deflection boom placed off NW point at creek mouth. Possibly use 8000 ft of 9x9 Hboom across marsh and mudflat then connect to harbor boom in channel to deflect oil away from marsh and mudflats into deep water channel.

b. Short segments of 6x6+ Sboom deflection can be placed along north side mudflat to keep oil in channel.

Can use powerline tower supports as boom attachment points.

c. Skimmers (3 SPS) to operate at mouth of Coyote Creek, at split of Alviso Slough and Coyote Creek.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		8000	feet	
Boom	Swamp	6x6 inch		200	feet	
Anchor	Danforth	22 lbs		30		
Vessel	Boom Boat			4		
Vessel	Skiff or Punt			3		
Staff	Staff to Deploy			10		
Staff	Staff to Tend			4		

**Strategy: 2-346.2 Objective:** Exclusion of mouths of small tidal channels to inner marshes.

*Strategy:* Plug small slough channels along marshfront on N. side with approximately 400 ft of fence boom or 6x6 Swamp and sorbent booms.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		400	feet	
Boom	Sorbent			400	feet	
Anchor	Danforth	22 lbs		4		
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

**Strategy: 2-346.3 Objective:** Protective booming of windward shores to prevent oil from being carried into marshes by wave and tidal action

**Strategy:** Line marshfront with 4000 ft of oil snare, swamp boom, or sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		4000	feet	
Boom	Sorbent			4000	feet	
Anchor	Danforth	22 lbs		10		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			8		
Staff	Staff to Tend			2		

### Logistics:

**Directions:** Take Hwy 880 south and exit at West Warren Avenue. Turn right on West Warren Avenue and follow it to Fremont Blvd. Turn right on Fremont Blvd. and left on the next road. Follow this road to where it crosses a dirt road. Turn right and follow this road to where it crosses Coyote Creek (first collection point) and follow it across to the dead end slough to the second collection point. Access to Coyote Creek and Mowry Slough is possible through Durham Landfill off of Automall Road. South side access available through Alviso to Cargill and refuge property.

**Land Access:** 2WD,LG TRK,4WD,ATV When levees are dry.

**On-Water Limitations:** Very shallow, beware of tides. # Launch ramp at Redwood City and possibly at Alviso Slough for g smaller boats at high tide.

**Facilities, Staging Areas, Command Posts, Available Equipment:** USFWS South Bay Refuge may be a useful field post and staging area. Cargill Salt is another proximal location providing use can be negotiated.

**Communications Problems:** Cell reception may vary depending on service provider.

