

2-374-A Site Summary - Stevens Creek**2-374-A****County:** Santa Clara **ACP Division/Segment:** SC - Y - S002 SC - X - S001**NOAA Chart:** 18654 San Francisco Bay Southern Part **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.445612 -122.063539**Site Description:**

The Stevens Creek site includes salt-marshes that fringe the banks inland (1.5 miles) to Hwy 101 and 0.75 mile of bay frontage on each side of the creek mouth. Located in the extreme South San Francisco Bay between Guadalupe Slough and Mountain View Slough, Stevens Creek Channel is bounded by rip-raped levees. This site is located within the San Francisco Bay National Wildlife Refuge (USFWS). Tidal action extends about 1.5 miles upstream. Cargill salt evaporator ponds border the bayward half of the channel, while the landward channel is industrialized to different degrees. There are very extensive mudflats (>one mile wide) in front of creek.

Resources at Risk:*ESI and Habitat:* 9B Vegetated low banks

6B Riprap

9A Sheltered tidal flats

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
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	

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	/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 concern is oil and response impacts to marsh, wildlife, and rare and endangered birds, animals and plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering Stevens Creek. Secondary objective is to minimize exposure and impacts to bay frontage marshes by protective booming. Always of concern is the impacts resulting from response and cleanup: avoid trampling marsh and sensitive plants and animals, avoid disturbing soft mudflats, and avoid trampling oil into marsh and mud.

Hazard and Restrictions:

Aircraft beware of overhead high power lines in the area. Vessels be aware of shallow water and submerged hazards.

Site Strategies:

Site Validation Level: II

Strategy: 2-374.1 Objective: Exclude oil from entering the creek. Deflect oil down-coast.

Strategy: Deploy several (3-4) layers of 100 ft 6X6 swamp boom in an inverted "V" formation (chevron) at mouth of creek. Place Sorbent booms between each layer. Responders may be able to use tidal barrier boom straight across mouth.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		400	feet	
Boom	Sorbent			800	feet	
Anchor	Danforth	22 lb		4		
Anchor	stake			8		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			4		

Strategy: 2-374.2 Objective: Protective booming of marsh front

Strategy: Line bayfront marshes w/ 7000 ft of oil snare and/or sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Sorbent			7000	feet	
Boom	Pom-pom			7000	feet	
Anchor	Danforth	22 lb		14		
Anchor	Stakes			70		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			6		

Logistics:

Directions: From Hwy 101, exit at Shoreline Blvd/Sterlin Rd and proceed bayward to Shoreland at Mountain View Park. Further vehicle access is restricted: for levee road access contact City of Mountain View or Cargill Salt Co.

Land Access: Levee roads impassable in winter.

On-Water Limitations: Very shallow/no access at low tide; Launch skiffs upstream at mid to high tide.

Facilities, Staging Areas, Command Posts, Available Equipment: Stage upstream in business parking area.

Communications Problems: Good cell reception throughout area.



Imagery: NAIP 2016, 60 cm resolution