

County: **Alameda**
 USGS Quad: **San Leandro**

Thomas Guide Location
 AAA Fremont - N

Latitude N
 37 29.0

Longitude W
 122 02.0

NOAA Chart: **San Francisco Bay, Southern Part**

Last Page Update : 10/1/2002

SITE DESCRIPTION:

A large contiguous section of pickleweed marsh located along the east side of south San Francisco Bay and bounded on the north by the Bockman Channel, the east by the city of Hayward, the south by Cogswell Marsh, and on the west by San Francisco Bay. These marshes are all part of East Bay Regional Park District's Hayward Shoreline. The bay front edge off this site is rip rapped levee, with the exception of a small marsh at Hayward Landing. Mudflats extend 1000's of feet out from the levees into San Francisco Bay. The site consists of three separate salt marshes running approximately 1.7 miles along the east bay shoreline from the mouth of Bockman Channel to the southern tip of Triangle Marsh. The largest of these and the highest priority is the approximately 364 acre Oro Loma Marsh located just south of Bockman Channel and north of Sulphur Creek. Oro Loma is partially protected by levees and fed by two 65 foot channels, one which opens directly to the Bay, and one which opens to Sulphur Creek. Frank's Dump Marsh, as well as a higher elevation landfill/grassland area, is located south of Sulphur Creek and North of West Winton Channel. It is fed by one rubber-valved channel from Sulphur Creek. The third and smallest marsh is Triangle Marsh which extends south from West Winton Channel to Cogswell Marsh and has one inlet near the mouth of West Winton Channel.

SEASONAL and SPECIAL RESOURCE CONCERN

The site is an "A" priority all year. The endangered California Clapper Rail and Salt Marsh Harvest Mouse are known to be present and nesting in the Oro Loma Marsh.

RESOURCES OF PRIMARY CONCERN

Wetlands and tidal flat habitats are present at this site. Caspian Terns are known to frequent Oro Loma Marsh. The Frank's Dump Marsh West area is open of vegetation, holds ponded water, and is heavily used by migratory waterfowl and shorebirds. California Clapper Rail and Black Rail have been reported to occur, but not nest, in non-native cordgrass and pickleweed habitat north of Hayward Landing Point, as well as in Triangle Marsh.

Endangered California clapper rail and California least tern and threatened snowy plover are present at the site. As well as pickleweed and cordgrass marsh habitat.

The endangered least tern and large numbers of snowy plover have been reported to frequent Frank's Dump Marsh West. Salt marsh harvest mouse may also be present in these two areas.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Hayward Landing is a historic site. Ohlone cultural sites may be nearby. Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison -(916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) for specific information on historic or cultural resources in this area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
E/O	EBRPD Dispatch EBRP	East Bay Regional Park District	(510) 881-1833
E/O	Environmental Services	San Leandro City of	(510) 577-3401

ADDITIONAL SITE SUMMARY COMMENTS:

2-320 -A Site Strategy - Oro Loma Marshes

County and Thomas Guide Location
AAA Fremont - N Alameda

NOAA CHART
San Francisco Bay, Southern Part

2-320 -A

Latitude N Longitude W
37 29.0 122 02.0

CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 2/25/2011

The main concerns are the very sensitive marshes and mudflats here, which are almost impossible to cleanup. The intention is to prevent oil from entering the marshes. Avoid disturbing or trampling marsh vegetation and don't trample oil into the mud.

HAZARDS and RESTRICTIONS:

Shallow water, seas to 3 feet. Soft mud. Small pilings offshore, northwest of Sulphur Creek. Rocks and pilings of old Hayward Landing running parallel to shore northward from West Winton Channel (about 1/4 mile long).

SITE STRATEGIES

Boom can be delivered by truck.

Strategy 2-320.1 Objective: Exclude oil from entering the Oro Loma Marsh and Frank's Dump Marsh. Should oil enter the marsh, contain oil to the smallest possible area.

a) Deploy 800 ft of 9x9+Hboom in chevron outside of main uncontrolled breach into Oro Loma from bay. High currents (up to 5 kt) at breach, require boom anchored well outside of breach to prevent entrainment. Can be accomplished with 2 skiffs and 6 people. Shallow draft boom boat would also be useful. Use 100 ft of sorbent boom, 50 ft of Oil Snare (OS) to collect any oil that may accumulate. If oil accumulates in skimmable quantities contact IC/UC.

b) Deploy 500 ft of 9x9+Hboom in mouth of Sulphur Creek at steep angle under bridge, deflecting to southern shoreline just west of rubber intake to Frank's Dump Marsh West. Plug or cover 12" rubber intake valve. Can be accomplished with 1 skiff and 4 people. Use 100 ft of sorbent boom, 50 ft of Oil Snare (OS) to collect any oil that may accumulate. If oil accumulates in skimmable quantities contact IC/UC.

c) Close two screw-down tide gates at inlet to Triangle Marsh. Contact EBRPD to do this.

d) Exclude oil from West Winton Channel and inlet to Triangle Marsh with 500 ft of 9x9+ Hboom angled from southern tip of Hayward Landing point to point of land south of inlet of Triangle Marsh. Tasks can be accomplished with 1 skiff and 4 people.

Strategy 2-320.2 Objective: Exclude oil from entering Frank's Dump Marsh, East/West. Should oil enter the marsh, contain oil to the smallest possible area.

a) Should only be deployed after Strategy 2-320.1b which also protects this opening. Deploy 200 ft of 9X9+ Hboom in chevron across northern opening to Oro Loma located ~2000 ft to the east inside Sulphur Creek. Can be accomplished with 1 skiff and 4 people.

b) Close the six 36" open pipes under West Winton Channel bridge.

Strategy 2-320.3 Objective: Exclude oil from entering Triangle Marsh and West Winton Channel. Protect bayfront pickleweed marsh. Should oil enter the marsh, contain oil to the smallest possible area.

Deploy 1,200 ft of 9X9+ Hboom from southern tip of Hayward Landing point, extending north around point to shoreline to the north to protect the pickleweed marsh north of the point.

Strategy 2-320.4 Objective: Oil Recovery by skimming

Deploy skimmers, and vac trucks if needed, if oil accumulates in skimmable quantities. Consult IC/UC prior to initiation of this strategy

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment and kinds	staff deploy	Staff tend
2-320.1	1800	0	100 OS	200	13 22#+ w/20' 1/2" chain each		4	1	1000' 1/2" anchor line	14	5
2-320.2	200	0	0	0	2 20# w/20' 1/2" chain each	0	1	1	1000' 1/2" anchor line,	4	5
2-320.3	1200	0	0	0	6 20# w/20' 1/2" chain each	0	2	0	Very shallow water with obstructions	6	2
2-320.4	0	0	0	0	0	0	0	2 SSS	0		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Hwy 880 to Hayward. Take Winton Ave. exit. Go west on W. Winton Ave to Hayward Regional Shoreline. Launch ramp at San Leandro Marina. Take Highway 880 to San Leandro. Take Marina Blvd. exit. Go west on Marina Blvd. to San Leandro Marina. A large contiguous section of pickleweed marsh located along the east side of south San Francisco Bay and bounded on the north by the Bockman Channel, the east by the city of Hayward, the south by Cogswell Marsh, and on the

west by San Francisco Bay. These marshes are all part of East Bay Regional Park District's Hayward Shoreline.

LAND ACCESS: Access for trucks on well maintained, graveled levee roads.

WATER LOGISTICS: Shallow draft vessels <6'. Rocks, pilings offshore at Hayward Landing

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launching available at San Leandro Marina. Small skiffs may be launched from levees or small dirt ramp south of Hayward Landing point.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

This is all part of East Bay Regional Park District's Hayward Shoreline. A small staging area and access is available at the shoreline office at the west end of W. Winton Ave. Access is also available at the west end of Breakwater Ave. adjacent to Highway 92.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

