

**2-353-A Site Summary - Heron's Head Park - India Basin****2-353-A****County:** San Francisco **ACP Division/Segment:** SF - B - S005 SF - B - S006**NOAA Chart:** 18649/18650 Entrance to SF Bay **Map Book:** **Decimal Degrees:** 37.737503 -122.372363**Site Description:**

This site includes the entire north margin of India Basin and the land north of the (decommissioned) power plant discharge channel. Shoreline is managed under San Francisco Recreation & Parks Department. This wetland park is undergoing restoration. It is a narrow peninsula with high ground, about 8 acres of tidally influenced salt-marsh. The site has been graded to create a combination of pools and high grounds with walking paths. There are several small tidal exchange inlets on the south and west margins (about 500 ft total length) which function as baywater exchange to interior ponds. The bay to the south is exceedingly shallow. The north side is a rip-rap/gravel/sand shoreline. The site is undergoing natural revegetation.

**Resources at Risk:***ESI and Habitat:* 6B Riprap

5 Mixed sand and gravel beaches

9B Vegetated low banks

**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
Fish	Pacific herring		Year-round	Nov-Apr
Plants	California seablite	FE, SSSP	Year-round	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	/Agency Representative, 24-hr	Port of San Francisco	(415) 336-0888
E	/Agency Representative, 24-hr	Port of San Francisco	(415) 819-8965
E	/Duty Officer (24hr)	San Francisco Department of Emergency Manage	(415) 260-2591
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:**

Many sensitive plant species occur in the area.

**Concerns and Advice to Responders:**

The tidal inlets could admit oil to the lagoons, ponds, and low marsh areas on this site. As emergent marshes develop along shorelines, these would also be vulnerable to oil impacts. Exclude oil from all inlets and protect shorelines or deflect away. Avoid trampling marsh vegetation. This is a salt-marsh restoration site.

**Hazard and Restrictions:**

This basin is very shallow - remain between the stakes which mark the channel.

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

**Strategy: 2-353.1 Objective:** Exclude oil from entering small tidal inlets to inner ponds and lagoons.

**Strategy:** Close small tidal inlets with shore sections of swamp boom (80 ft) and back with sorbent boom. Stake in place. Several openings are along south middle margin of the site and one at the end of a rock wall opposite the power plant. This can be most easily accomplished by land deployment.

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	Stakes			12		
Staff	Staff to Deploy			2		
Staff	Staff to Tend			2		

**Strategy: 2-353.2 Objective:** Deflect when oil is likely to enter India Basin, such as easterly winds, deflect oil away from site to south shore. Protect emergent marsh located on the south shore of Indian Basin.

**Strategy:** Deploy 2,500 feet of 9X9+ Hboom from the tip of the east end of the spit to the south shore of India basin, east of the emergent marsh. Deploy at an angle to the prevailing wind so that the oil will slide down the boom to the south shoreline where the oil can be collected at the shoreline with shore-based skimming equipment. The boom may be cascaded if that will make it easier to deploy. Stakes may be helpful to keep the boom from forming catenary pockets. Boom can be delivered to site by boat or vehicle. Sites on south side can enable rapid recharge of boom boats from shore support. A cascade may be necessary to admit boat traffic to boat launch at India Basin Park.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		2300	feet	Strategy Updated: 9/20/2017
Anchor	Danforth	22 lbs		7		Last Test: 9/20/2017
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		
Staff	Staff to Tend			2		

**Logistics:**

**Directions:** By boat the site is at the back of India Basin: proceed south along the SF waterfront about 4 miles from the Bay Bridge and turn west into India Basin just north of Hunters Point. By vehicle, exit Hwy 101 south of SF center at Army St. Continue east toward Bay on Army and turn south (right) on Evans Ave. Evans Ave becomes Hunters Point Blvd. India Basin Shoreline Park is on the left and there is a marina at Griffith St. Shoreline is under San Francisco Recreation & Parks. Department.

**Land Access:** Foot & ATV on site. Easy access on south shore of India Basin. Coordinate with personnel from San Francisco Recreation & Parks.

**On-Water Limitations:** Very shallow < 4' in most of basin and shallower at shore. Launch on south shore of basin.

**Facilities, Staging Areas, Command Posts, Available Equipment:** Staging on south shore of India Basin.

**Communications Problems:** Good cell reception throughout basin.

