

3-210 -A Site Summary- San Lorenzo River Inlet**3-210 -A****County:** Santa Cruz**Thomas Guide Location****Latitude N****Longitude W****USGS Quad:** Santa Cruz

992

36° 57.6'

122° 00.8'

NOAA Chart:**Last Page Update:** 6/30/2014**SITE DESCRIPTION:**

San Lorenzo River deposits into ocean at eastern edge of Santa Cruz Beach. Site to include rivermouth and upstream to Southern Pacific Rail Bridge approx 350yds from ocean. Beach access from boardwalk area only. Good observation point from southside of rivermouth. Channel location may migrate from year to year. River mouth maintained as dredged flood-control channel. Open water and sand flats within tidal prism serve as resting habitat for birds and riparian wildlife. Beach area near boardwalk receives heavy recreation year round.

SEASONAL AND SPECIAL RESOURCE CONCERN

Year round. Upper watershed is known to support Coho and Steelhead populations. In addition, Tidewater gobies are known to occur within lower reaches of river.

RESOURCES OF PRIMARY CONCERN

Endangered Coho salmon and threatened steelhead spawn in upper reaches but stage anywhere suitable. Young-of-the-year (YOY) use lower reaches as nursery.

Various shorebirds.

California sea lions and harbor seals also present and forage in estuary. While not a significant gathering site, Southern Sea Otters (FT) are common throughout Santa Cruz and Monterey counties and may be present near-shore year round. Zayante band-winged grasshopper (FE) occurs on site.

Anadromous stream with Steelhead trout (FT) and Coho salmon (SE/FE). Tidewater gobies (FE) is known to utilize river. Sacramento Sucker and Ca Roach are found within drainage.

Site is located within Black Abalone Critical Habitat. Actual presence of black abalone is unknown.

Kelp beds are common near-shore.

White-rayed pentachaeta (SE/FE) occurs on site.

CULTURAL, HISTORIC, AND ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison: 916-445-7044), and the Northwest Information Center (Bryan Much, Sonoma State College: 707-588-8455) 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
O			City of Santa Cruz	(831) 420-6050
T	Scott Kathey	Emergency Response Coord.	Monterey Bay National Marine Sanctuary	(831) 647-4251

ADDITIONAL SITE SUMMARY COMMENTS:

Site of Santa Cruz Beach and Boardwalk; high recreational use.

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CONCERNS AND ADVICE TO RESPONDERS:

Pinnipeds may use river mouth. Harbor seals have historically used ledges on east side of lagoon for pupping. Various waterbirds present in lower river/lagoon. Anadromous stream with Steelhead trout (FT) and Coho salmon (SE/FE). Tidewater gobies (FE) is known to utilize river.

HAZARDS AND RESTRICTIONS:**SITE STRATEGIES**

Strategy 3-210.1 Objective: Exclude oil by berming, place sorbent boom 30' landward of berm/xboom to ensure oil exclusion

During optimal conditions (low discharge and moderate surf), every attempt should be made to block entrance to inlet with a sediment berm or appropriate equivalent. Should the berm fail, or conditions not allow berm construction, a series of deflection booms should be employed to divert oil to sandy west bank of river.

Strategy 3-210.2 Objective: skimming when skimmable oil quantities are present

In the event that entrainment occurs during flood tides, a skimmer should be placed in the channel, inland of primary and secondary diversion booms. Shoreside skimming system should be very shallow types (e.g., duck-billed or general dynamic) should be placed on west (or east) shore of river at collection points of primary and secondary diversion booms.

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 and kinds	comment	staff deploy	Staff tend
3-210.1		800		400	9	Danforth					600' 6" PVC pipe, dozer or equivalent berming equipment		20	
3-210.2		0	0	0	0		0	1	SSS	0				

LOGISTICS

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

From Santa Cruz, take Highway 1 south to Ocean Avenue off ramp. Follow Ocean Avenue 2 miles and turn right onto San Lorenzo Boulevard. Turn left onto Riverside Avenue. Turn left onto Beach Street, and follow it into the Santa Cruz Boardwalk parking lot. Access east bank via Boardwalk. Beach is hard and can support traffic. San Lorenzo River deposits into ocean at eastern edge of Santa Cruz Beach. Site to include rivermouth and upstream to Southern Pacific Rail Bridge approx 350yds from ocean. Beach access from boardwalk area only. Good observation point from southside of rivermouth. Channel location may migrate from year to year.

LAND ACCESS Beach access thru boardwalk parking lot near SPRR bridge.

WATER LOGISTICS:

Limitations: depth, obstruction

Nearest launch at Santa Cruz Harbor.

Launching, Loading, Docking

and Services Available:

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

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

