

**County:** Santa Cruz **ACP Division/Segment:** SZ - A - S001**NOAA Chart:** 18680**Map Book:****Decimal Degrees:** 37.09508 -122.27859**Site Description:**

Waddell Creek flows year-round forming a brackish lagoon during summer months. Beach length is 0.5 miles long by 0.1 mile wide. Minor fringing marsh seaward of Highway 1 and a densely vegetated brackish marsh inland of the bridge supporting a biologically rich area. Natural sand deposits and stream flow dictate channel width and location. Waddell Beach and the upcoast bank of Waddell Creek are within Big Basin Redwoods State Park; the downcoast riverbank to Canyon Rd. is private property. Site upcoast boundary (37.097325°, -122.281011°), downcoast boundary (37.088988°, -122.275341°); length 0.66 miles. Creek channel width under Highway 1 bridge is 142 feet. Site is within the Año Nuevo State Marine Reserve and Monterey Bay National Marine Sanctuary.

**Resources at Risk:***ESI and Habitat:* 3A Fine- to medium-grained sand beaches

10A Salt - and brackish-water marshes

6B Riprap

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	Nov-Mar
Amphibians	Santa Cruz black salamander	SSC	Year-round	Jun-Sep
Birds	marbled murrelet	FT, SE	Year-round	Apr-Sep
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Sep
Fish	coho salmon - south of Punta Gorda	FE, SE	Year-round	Nov-Feb
Fish	steelhead - Central/Northern California	FT	Year-round	Nov-Apr
Fish	tidewater goby	FE, SSC	Year-round	
Invertebrates	black abalone	FE	Year-round	Apr-Sep
Mammals	Southern sea otter	FT, SP	Year-round	
Reptiles	San Francisco garter snake	FE, SE	Year-round	Jun-Sep
Reptiles	Western pond turtle	SSC	Year-round	May-Aug

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
T	/Dispatch, 24-hr	California State Parks (Dispatch)	(916) 358-1300
T	/Emergency Responder, 24-hr	Monterey Bay National Marine Sanctuary	(831) 236-6797
T	/Agency Representative	NOAA National Marine Fisheries Service	(707) 575-6050
T	/Spill Response Coordinator	US Fish and Wildlife Service	(805) 644-1766

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

**Additional Site Summary Comments:**

Surfing and wind-surfing area.

**Concerns and Advice to Responders:**

Surfing and wind-surfing area. Western snowy plovers nest on beach Mar-Sep.

**Hazard and Restrictions:****Site Strategies:****Site Validation Level: II****Strategy: 3-110.1 Objective:** Build Berm

*Strategy:* Exclude oil from creek by building a sediment berm with native sand using heavy equipment. May need to install PVC pipe below berm to allow for water outflow. Place sorbent boom 30 feet upstream of berm. Sediment may be scarce following severe storms.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Bulldozer or Loader				1		
PVC Pipe		6 inch		500	feet	
Boom	Sorbent			500	feet	
Stakes				2		
Staff				10		
ATV				1		

**Strategy: 3-110.2 Objective:** Deploy Containment Boom

*Strategy:* Exclude oil from creek with two rows of swamp boom on seaward side of Highway 1 bridge. Line upstream side of swamp boom with sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp			500	feet	
Boom	Sorbent			500	feet	
Stakes				4		
Staff				3		

**Logistics:**

*Directions:* From Santa Cruz, take Highway 1 north, 7.7 miles north of Davenport. Dirt parking lot off Highway 1 southbound lane (37.097121°, -122.280175°), Postmile: Route 1 SCR 36.4; 70 parking spaces. Additional parking area on shoulder of Highway 1 northbound lane; 15 parking spaces.

*Land Access:* Heavy equipment access from north parking lot.

*On-Water Limitations:* Nearest vessel launch site is Santa Cruz Harbor (18 nautical miles).

*Facilities, Staging Areas, Command Posts, Available Equipment:* Vault toilets.

*Communications Problems:* Verizon, weak cell phone signal. All other providers, no cell phone signal.

