

2-140-A Site Summary - Salmon Creek**2-140-A****County:** Sonoma **ACP Division/Segment:** SN - D - S015**NOAA Chart:** 18640**Map Book:** Sonoma County**Decimal Degrees:** 38.35545 -123.066135**Site Description:**

Salmon Creek mouth is located within the Sonoma Coast State Park and is managed by California State Parks. Nearly two miles of fine to medium sandy beach. During low flow periods the mouth may be closed off from the ocean by a sandbar. Site is associated with BLM Ca Coastal National Monument resources. A sandbar closes the mouth of this river during the summer and early fall when freshwater flow stops and a lagoon develops behind the bar. There are extensive freshwater wetlands on the north shore near the Hwy 1 bridge.

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

1C Exposed rocky cliffs with boulder talus base

5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	Nov-Apr
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	peregrine falcon	FP, SP		Mar-May
Birds	migratory waterfowl	FP		Nov-Jan
Birds	shorebirds		Year-round	Mar-Nov
Fish	tidewater goby	FE, SSC	Year-round	
Fish	steelhead - Central/Northern California	FT	Year-round	Nov-Apr
Fish	coho salmon - south of Punta Gorda	FE, SE	Year-round	Nov-Apr
Plants	yellow larkspur	FE, SR	Year-round	Mar-May

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
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Dispatch, 24-hr	California State Parks (Dispatch)	(916) 358-1300
O	/Dispatch, 24-hr	Sonoma County Sheriffs	(707) 565-2231
T	/Natural Resources Specialist	BLM, CA Coastal National Monument	(831) 582-2200
T	/Office	California State Parks, Russian River District	(707) 865-2394
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311

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

Additional Site Summary Comments:

A number of sensitive plants occur in the area. Proceed with caution when conducting reconnaissance and when staging equipment in this location.

Concerns and Advice to Responders:

If oil gets into creek it may impact sensitive marsh habitat , anadromous fishes and other sensitive species. Snowy plovers (an endangered shorebird) nest along the foredune above the high tide line from March through August. All traffic must be kept out of this area when birds are present. Prevent and minimize foot and vehicle traffic through the sand dunes.

Hazard and Restrictions:

Steep cliff area - access is by steep trail.

Site Strategies:**Site Validation Level: II**

Strategy: 2-140.1 Objective: Exclude oil from entering the creek and oiling marshes.

Strategy: In addition to on-water recovery efforts, the following site specific protection measures should also be carried out:

For situations of low-flow or no-flow river conditions:

- Construct a sediment dike if the river is isolated from the ocean by a sand berm. Sediment should be taken from the beach face south of the river mouth (not the sand dunes). The washover terrace requiring reinforcement maybe 300 meters (1000 feet) wide. It is recommended that a shallow ditch (a runnel) be constructed on the backside of the dike to catch any oil that washes over the top.

Snowy plovers (an endangered shorebird) nest along the foredune above the high tide line from March through August. All traffic must be kept out of this area when birds are present.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Heavy Equip	Bobcat w/ tracks			1		
culvert				3		
Staff	Staff to Deploy			5		

Strategy: 2-140.2 Objective: Exclude oil from entering and moving upstream in the creek and from oiling marshes.

Strategy: In addition to on-water recovery efforts, the following site specific protection measures should also be carried out:

For situations when river is open to the ocean and tidal exchange occurs:

- Boom across the river will be necessary when tidal flows into the river may occur during flood tides. Deploy 2000 ft. of boom having at least 8 inches of freeboard/floatation and 6 inches of draft/skirt. Backup the primary boom with a second deployment to catch entrained oil.

The preferred oil collection location (north or south river bank) may vary depending on conditions. The south shore is sand beach yet more remote; while the north shore is mixed sand and gravel, but provides better logistical access below the parking area along Hwy 1. In all cases, responders must consider the wind direction and expected current velocity when determining boom deployment angles and shoreline recovery areas.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		2000	feet	
Anchor	Danforth	25 lb		6		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

Logistics:

Directions: Take Hwy 1 north of Bodega Bay. Turn into parking lot at north end of Salmon Creek mouth.

Land Access: Good access to parking areas north and south of creek.

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On-Water Limitations: Shallow creek, skiffs only. Hand launch skiffs over south creek bank beach. Bodega Bay is nearest launch.

Facilities, Staging Areas, Command Posts, Available Equipment: State Park parking areas available on north and south sides of creek. Nearest facilities at Bodega Bay and Jenner.

Communications Problems: Cell reception varies on outer coast.

