

4-565-A Site Summary - Jalama Creek**4-565-A****County :** Santa Barbara **ACP Division/Segment :** SB - F - S03**NOAA Chart :** 18700**Map Book :** 365 D x 6**Decimal Degrees :** 34.51111 -120.50167**Site Description:**

Jalama Creek and beach area includes 100 yards to the North and South of the creek. The area is bounded by rocky headlands. Jalama Creek is a moderate sized creek with a mouth approximately 150 feet wide. The stream enters the ocean through a small channel most of the year. The size of the estuary varies with seasonal runoff. About 55 yards of the creek are subject to tidal surges. Cobble fields that surround the mouth of the creek are often covered by sand in the summer and fall months.

To the north and south of Jalama Creek, there exists a wide "crescent beach" bounded by rocky headlands. The beach is primarily fine-grained sand in the summer months. This beach has an under layer of cobbles and boulders which may become exposed in the winter season. The beach is backed by low dunes to the south, and bluffs to the north. Drift wood, trash, and kelp is often stranded on the upper portions of the beach. Large swells and persistent onshore winds are characteristic of this coastline. Grunion spawning occurs in the spring and summer during high tides. Surfperch are found offshore. All year for waterfowl, brown pelicans and harbor seals.

Resources at Risk:*ESI and Habitat:* 10A Salt - and brackish-water marshes

9B Vegetated low banks

5 Mixed sand and gravel beaches

3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Amphibians	California red-legged frog	FT	Year-round
Birds	Western snowy plover	FT	Year-round
Fish	steelhead - Southern California	FE	Year-round
Fish	tidewater goby	FE	Year-round
Fish	grunion		Mar-Aug
Mammals	Southern sea otter	FT, SP	Year-round
Plants	Gaviota tarplant	FE, SE	Year-round
Reptiles	southwestern pond turtle	SSC	Year-round

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	/	Central Coast Archeological Information Center	(805) 893-2474
C	/	Native American Heritage Commission	(916) 373-3710
E	/Santa Barbara County	Santa Barbara County Park Department	(805) 568-2461
E	/	Santa Barbara County Parks, Jalama Beach	(805) 736-6890
T	Mary Larson/Steelhead	California Department of Fish & Wildlife	(562) 537-8624
T	Rick Bush/Fisheries Biologist	NOAA National Marine Fisheries Service	(562) 980-3562
T	/	US Fish and Wildlife Service, Federal T&E Species	(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:

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

The lagoon is habitat for a two Threatened/Endangered fish. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in stream, lagoon, and associated vegetation; avoid trampling oil into sediments; and follow protective conditions from IC and resource biologists.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found intermittently in streams and on beaches in this area. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.

Site Strategies:**Strategy: 4-565.1 Objective:** Exclude Oil

Strategy: Deploy exclusion booms across the inlet to minimize the likelihood of oiling the estuary. Place the booms in a configuration that forms an adjustable oil collection pocket that can accommodate changes in flow direction. Back exclusion booms with sorbent booms to minimize leakage. Line the shorelines and any side channels within the inlet to prevent collateral oiling. If there is recoverable oil on-water, deploy sorbents and contact the IC immediately regarding the use of skimmers. Monitor, adjust, and replace booms as needed to maintain effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			200	feet	
Boom	Sorbent Boom			200	feet	
Anchor				4		
Staff				5		

Strategy: 4-565.2 Objective: Build Sandbag Dam

Strategy: Build a sandbag exclusion/containment dam using onsite materials or imported materials as directed by CDFW biologist. Use clean low silt content sand. If using onsite materials obtain only from un-vegetated areas and have a cultural specialist onsite to monitor. Install underflow pipes and/or a spillway to regulate water flows as conditions dictate. Closely regulate water levels to reduce collateral oiling. If there is recoverable oil on-water, deploy sorbents and contact the IC immediately regarding the use of skimmers.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Sorbent Boom			200	feet	
Anchor				4		
Staff				5		
Sandbags				150		

Strategy: 4-565.3 Objective: Erect Filter Fence

Strategy: Construct a filter fence across the front of the channel where the inlet is narrowest, water flows are low or dry, the ground can receive and hold metal stakes, and the spill is heavy oil. Monitor barrier and replace pom-poms as necessary to maintain effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Fence	Construction Fencing	4 x 100 feet		4	Rolls	
Misc.	Oil Snare (pom-pom)			200		
stakes	T-posts		6 feet	40		
Misc.	Stake Driver			1		
Staff				5		

Strategy: 4-565.4 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: Consult with resource trustees regarding wildlife issues before undertaking this activity. Hand crews to move and store kelp, driftwood, vegetative debris, trash, and other materials above high-tide line. Dispose of trash. Replace unsoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Misc.	Trash Bags					
Staff				5		

Logistics:

Directions: From Highway 1 south southeast of Lompoc, take Jalama Road to Jalama Beach County Park. Jalama Road is approximately 14 miles long. It is narrow and windy, driving is slow.

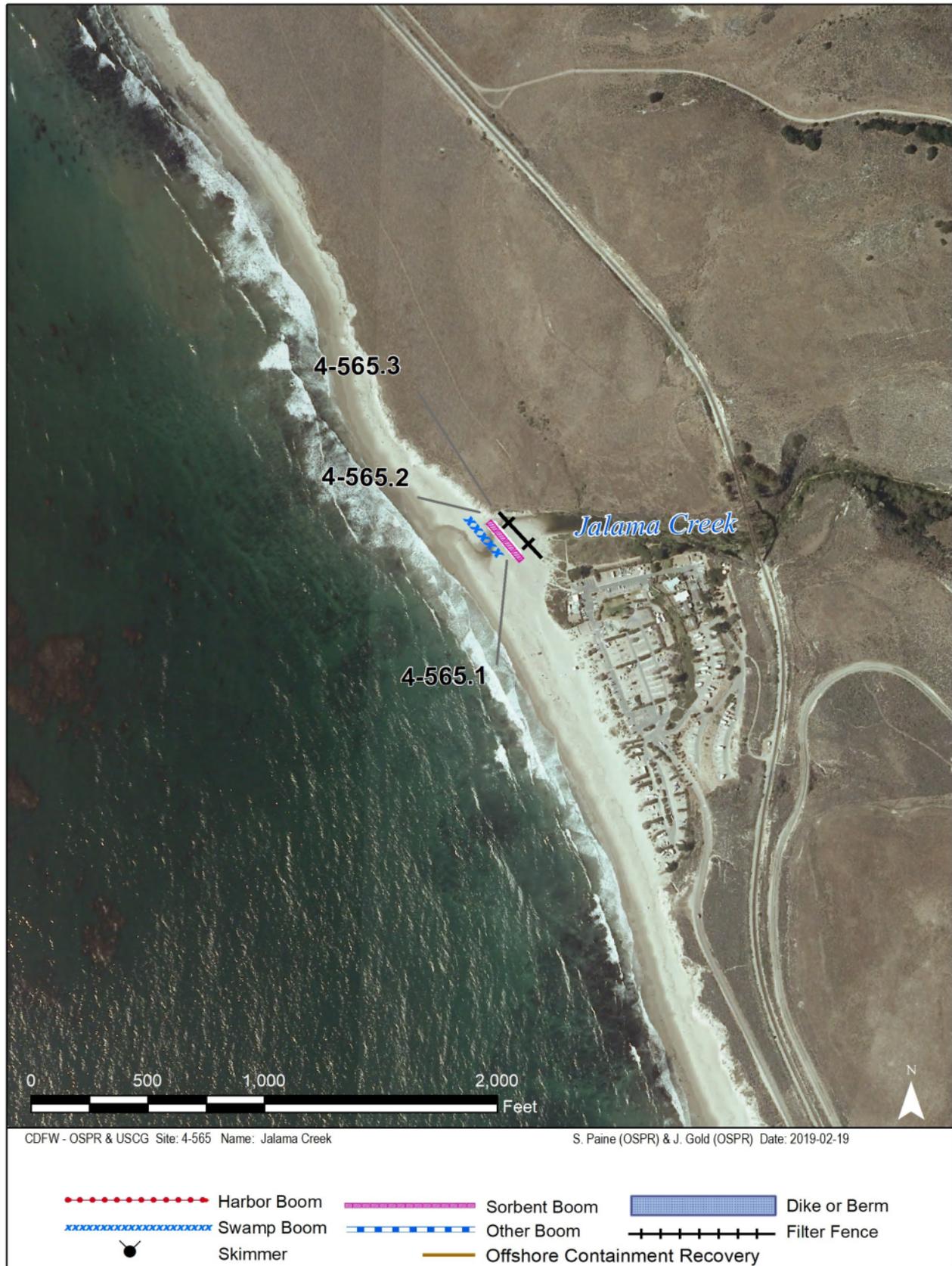
Land Access: Foot, 4WD vehicles and heavy equip't accessible thru County Park.

On-Water Limitations: Santa Barbara Harbor is the nearest full service civilian harbor for full service berthing, launching and fueling. There is heavy surf.

Facilities, Staging Areas, Command Posts, Available Equipment: Improved camping facilities, restrooms, a small store, and café. There is also a large parking lot south of the creek.

Communications Problems: Cell phone communications are limited.

Additional Operational Comments: Due to the probable occurrence of western snowy plovers and/or California least terns at this site, please review the Sandy Beach Site Summary and Strategies (Site 4-000-A) for information on response operations when dealing with these sensitive species.



Imagery: NAIP 2010 (Summer) 4-Band