

Section 9813 – Ventura County

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9813 Ventura County (GRA 7)

Ventura County GRA 7 begins at the border with Santa Barbara County and extends southeast approximately 40 miles to the border with Los Angeles County. There are thirteen Environmental Sensitive Sites. Most of the shoreline is fine to medium grain sandy beach and rip rap. There are several coastal estuaries and wetlands of varying size with the largest being Mugu Lagoon. Most of the shoreline is exposed except for two large private boat harbors and a commercial/Navy port.

9813.1 Response Summary Tables

A summary of the response resources is listed by site and sub-strategy next.

Summary of ACP 4 GRA 7 Response Resources by Site and Sub-Strategy

Site	Site Name	PREVENTION OBJECTIVE OR CONDITION FOR DEPLOYMENT		
Sub-Strategy	Equipment	Sub-Type	Size/Unit	QTY/Unit
4-701	Rincon Creek and Point			
.1 - Exclude Oil				
	Boom	Swamp Boom		200 feet
	Boom	Sorbent Boom		200 feet
	Vehicle	ATV		1
	Staff			4
	Anchor			8
.2 - Erect Filter Fence				
	Misc.	Oil Snare (pom-pom)		600
	Misc.	Stake Driver		1
	Vehicle	ATV		1
	Fence	Construction Fencing	4 x 100 feet	2 Rolls
	Stakes	T-posts	6 feet	20
	Staff			4
.3 - Shoreline Pre-Clean: Resource Specialist Supervision Required				
	Staff			5
	Vehicle	ATV		1
	Misc.	Trash Bags		
4-740	Ventura River			
.1 - Exclude Oil				
	Anchor			8
	Vehicle	ATV		1
	Boom	Swamp		1000 feet
	Boom	Sorbent Boom		1000 feet
	Vessel	Boom Boat or Skiff		1
	Staff			7
.2 - Erect Filter Fence				
	Staff			7
	Misc.	Stake Driver		
	Misc.	Oil Snare (pom-pom)		3000
	Fence	Construction Fencing	4 x 100 feet	10 Rolls
	Stakes	T-posts	6 feet	100
	Vehicle	ATV		1
.3 - Shoreline Pre-Clean: Resource Specialist Supervision Required				
	Misc.	Trash Bags		
	Vehicle	ATV		1
	Staff			5
4-743	San Buena Ventura State Beach			
.1 - No Onsite Options: Consider Offshore Containment/Recovery/ART				
4-747	Ventura Harbor			
.1 - Exclude Oil				
	Vessel	Boom Boat		2
	Boom	Harbor Boom		2000 feet
	Anchor	Danforth		8
	Staff			10
	Vessel	Skiff or Punt		1
.2 - Contain Oil				
	Boom	Harbor Boom		200 feet
	Staff			2
	Vessel	Skiff		1
	Boom	Sorbent Boom		200 feet
.3 - Shoreline Pre-Clean: Resource Specialist Supervision Required				
	Staff			5
	Misc.	Trash Bags		
	Vessel	Skiff or Punt		1

Site **Site Name**

Sub-Strategy **PREVENTION OBJECTIVE OR CONDITION FOR DEPLOYMENT**

	Equipment	Sub-Type	Size/Unit	QTY/Unit
4-750 Santa Clara River Estuary				
.1 - Build Berm				
	Heavy Equipment	Front Loader		1
	Boom	Swamp Boom		3000 feet
	Boom	Sorbent Boom		1000 feet
	Vehicle	ATV		1
	Staff			10
	Anchor	Danforth		8
	Vessel	Skiff		1
.2 - Exclude Oil				
	Staff			10
	Anchor	Danforth		8
	Vessel	Skiff		1
	Vehicle	ATV		1
	Boom	Sorbent Boom		1000 feet
	Boom	Swamp Boom		3000 feet
.3 - Shoreline Pre-Clean: Resource Specialist Supervision Required				
	Staff			5
	Vehicle	ATV		1
	Misc.	Trash Bags		
4-761 McGrath State Beach & McGrath Lake				
.1 - No Onsite Options: Consider Offshore Containment/Recovery/ART				
4-765 Mandalay State Beach				
.1 - No Onsite Options: Consider Offshore Containment/Recovery/ART				
4-769 Hollywood Beach				
.1 - No Onsite Options: Consider Offshore Containment/Recovery/ART				
4-775 Channel Island Harbor (CIH)				
.1 - Exclude Oil				
	Vessel	Skiff or Punt		1
	Boom	Harbor Boom		1200 feet
	Vessel	Boom Boat		1
	Anchor	Danforth		6
.2 - Contain Oil				
	Boom	Harbor Boom		200 feet
	Boom	Sorbent Boom		200 feet
	Staff			2
4-780 Port of Hueneme (POH)				
.1 - Exclude Oil				
	Vessel	Skiff or Punt		1
	Boom	Harbor Boom		1200 feet
	Anchor	Danforth		8
	Vessel	Boom Boat		1
.2 - Contain Oil				
	Boom	Sorbent Boom		1000
	Boom	Harbor Boom		1000
	Staff			5

Sub-Strategy **PREVENTION OBJECTIVE OR CONDITION FOR DEPLOYMENT**

Equipment	Sub-Type	Size/Unit	QTY/Unit
4-783 Ormond Beach and Wetlands			
.1 - Build Berm			
Boom	Swamp Boom		1500 feet
Plastic sheeting	visqueen		1 Rolls
Anchor	Danforth		6
Piping	6"		6
Boom	Sorbent Boom		1000 feet
Heavy Equip	Front Loader		1
Staff			10
.2 - Exclude Oil			
Boom	Swamp Boom		1500 feet
Anchor	Danforth		6
Staff			10
Boom	Sorbent Boom		1000 feet
4-787 Laguna Point			
.1 - No Onsite Options: Consider Offshore Containment/Recovery/ART			
4-790 Mugu Lagoon			
.1 - Exclude Oil			
Vessel	Skiff or Punt		2
Staff			10
Boom	Swamp Boom		2500 feet
Boom	Sorbent Boom		2500 feet
Anchor	Screw-in		10
Anchor	Fortress		30
Vessel	Boom Boat		2
.2 - Shoreline Pre-Clean: Resource Specialist Supervision Required			
Trash bags			
Staff			5

9813.2 Geographic Response Strategies for Environmental Sensitive Sites



Index Map – GRA 7, Ventura County Environmental Sensitive Sites

9813.2.1 GRA 7 Site Index

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County: Ventura**ACP Division/Segment:****NOAA Chart :****Map Book :****Decimal Degrees :****Site Description:****Resources at Risk:***ESI and Habitat:* 3A Fine- to medium-grained sand beaches**List of Resources at Risk:**

	Resource Name	Status	Presence
Birds	Western snowy plover	FT	Year-round
Birds	California least tern	FE, SE	Apr-Sep

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:

TypeName/Title	Organization	Phone
C /	Central Coast Archeological Information Center	(805) 893-2474
C /	Native American Heritage Commission	(916) 373-3710
C /	South Central Coastal Information Center	(657) 278-5395
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 AND CALIFORNIA LEAST TERNS NEST FROM APR-SEP. Western snowy plovers are small, white and tan colored shorebirds. California least terns are small, gray, white and black colored diving birds. Western snowy plovers conceal their nests in the upper rack line above the high tide line while California least terns generally nest on open beaches and/or along estuary shorelines. Nests are usually constructed on loose sand, and are easily stepped on due to their very cryptic nature. Chicks are known to run between nests and the waterline. Western snowy plover adults forage while wading along the shoreline. California least tern adults dive into the water to forage in shallow, nearshore areas of the open coast, embayments, estuaries, and dune lakes.

Concerns and Advice to Responders:**Hazard and Restrictions:****Site Strategies:**

Strategy: 4-000.1 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: After approval only, pre-clean beach with hand crews to move and store kelp, driftwood, and vegetative debris above high-tide line. Collect and properly dispose of trash. Redistribute wrack after response efforts are completed. The areas to be protected should be monitored by an assigned biological monitor. Heavy equipment and 4WD vehicles may be used pending approval.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Staff	Natural Resource Specialist					

Strategy: 4-000.2 Objective: Other: See Strategy Box

Strategy: In consultation with USFWS and CDFW, western snowy plover or California least tern eggs may be removed from nests by authorized and qualified personnel and taken to an approved facility to reduce injury.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Staff	Natural Resource Specialist					

Logistics:

Additional Operational Comments: Beaches may be pre-cleaned if given prior authorization. Some beaches have designated fenced areas for nesting. Individual Environmentally Sensitive Sites may have additional western snowy plover and California least tern information.

4-701-A Site Summary - Rincon Creek and Point**4-701-A****County:** Ventura **ACP Division/Segment:** VN - A - S01**NOAA Chart:** 18725(a)**Map Book:** 1018 J x 3**Decimal Degrees:** 34.37352 -119.476711**Site Description:**

Rincon Creek and Rincon Point: this creek has a small marsh area several yards inland from the ocean. The point is an alluvial fan composed of cobbles underlain by sand. It is fairly stable and resistant to erosion. There are several private homes (with private roads) along the point, seabird and shorebird activity all year, and rocky intertidal habitat.

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

6B Riprap

3A Fine- to medium-grained sand beaches

1A Exposed Rocky Shore

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	
Fish	tidewater goby	FE, SSC	Year-round	
Fishery	clamming - Sport		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Dispatch	Carpinteria-Summerland Fire Protection District	(805) 969-7762
E	/Santa Barbara County	Santa Barbara County Park Department	(805) 568-2461
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
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:

Concerns and Advice to Responders:

The lagoon is habitat for sensitive species. Both habitat and species can be injured by oil and response/cleanup activities. Responders must minimize disturbance in creek and avoid trampling oil into sediments.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Roads, trails, beach cliffs and hillsides may be unstable in wet weather. Beware of pedestrians, ticks, poison oak, and rattlesnakes. Watch for falling rocks when working on beaches backed by cliffs. Safe access may be dependent on tide and surf. Sand may be soft so lower tire pressure on all vehicles.

Site Strategies:**Strategy: 4-701.1 Objective:** Exclude Oil

Strategy: Deploy exclusion booms across the leading edge of inlet. 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			200	feet	<i>Strategy Updated:</i> <i>Last Test: 8/7/2019</i>
Boom	Sorbent Boom			200	feet	
Anchor				8		
Vehicle	ATV			1		
Staff				4		

Strategy: 4-701.2 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		2	Rolls	<i>Strategy Updated:</i> <i>Last Test: 8/7/2019</i>
Misc.	Oil Snare (pom-pom)			600		
Stakes	T-posts		6 feet	20		
Misc.	Stake Driver			1		
Vehicle	ATV			1		
Staff				4		

Strategy: 4-701.3 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 unoiled 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
Staff				5		
Misc.	Trash Bags					
Vehicle	ATV			1		

Logistics:

Directions: Going southbound or northbound US 101, exit Bates Rd (towards the ocean) to either of two large parking lots; the north lot is under the jurisdiction of the county of Santa Barbara at Rincon Beach, and the south lot is a part of

4-701-A Site Strategy - Rincon Creek and Point

4-701-A

Carpinteria State park. Both have pedestrian access to the beach.

Land Access: Vehicle access is from the north parking lot. South Parking lot is good for foot access.

On-Water Limitations: Santa Barbara and Ventura Harbors for full service berthing, launching and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging: parking lots. Command Post: parking lots. Equipment: MSRC, NRC, and Patriot. Airport: Oxnard

Communications Problems:

Additional Operational Comments:



4-740-A Site Summary - Ventura River**4-740-A****County :** Ventura **ACP Division/Segment :** VN - C - S01**NOAA Chart :** 18725(a)**Map Book :** 491 A x 2**Decimal Degrees** 34.27556 -119.30694**Site Description:**

The Ventura river estuary is a large and important habitat for birds, wetland biota, and fishes (particularly Tidewater goby and steelhead trout). The mouth is open to the ocean much of the year but can be closed off by a sand berm during the dry season. Moderate to large surf is common in winter. High use recreational swimming and surfing area. The river mouth is part of Emma Wood state beach. Seaside wilderness park is located NW of the mouth. Ventura County Fairgrounds are located adjacent to estuary on eastside.

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

9B Vegetated low banks

8C Sheltered riprap

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	least Bell's vireo	FE, SE	Year-round
Birds	seabirds		Year-round
Birds	waterfowl		Year-round
Fish	steelhead - Southern California	FE	Year-round
Fish	tidewater goby	FE	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Duty Officer (24hr)	Ventura County OES	(805) 947-8210
E	/	Ventura Water Reclamation Facility	(805) 677-4114
O	/Police Dispatch	City of Ventura	(805) 650-8010
T	Mary Larson/Fisheries Biologist	California Department of Fish and Wildlife, Reg 5	(562) 537-8624
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
T	/Ranger Officer	California State Parks, Ventura	(805) 648-4127
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:

Concerns and Advice to Responders:

The lagoon is habitat for Threatened/Endangered (T/E) species. Animals and habitat can be injured by oil and response/cleanup activities. Responders must minimize disturbance in estuary and avoid trampling oil into sediments.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe access may be dependent on tide and surf. Sand may be soft so lower tire pressure on all vehicles.

Site Strategies:**Strategy: 4-740.1 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp			1000	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 12/20/2012
Boom	Sorbent Boom			1000	feet	
Anchor				8		
Vessel	Boom Boat or Skiff			1		
Vehicle	ATV			1		
Staff				7		

Strategy: 4-740.2 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		10	Rolls	
Misc.	Oil Snare (pom-pom)			3000		
Stakes	T-posts		6 feet	100		
Misc.	Stake Driver					
Vehicle	ATV			1		
Staff				7		

Strategy: 4-740.3 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 unoiled 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
Vehicle	ATV			1		
Misc.	Trash Bags					
Staff				5		

Logistics:

Directions: Going southbound US 101, exit Ventura Ave #70A, turn right on Thompson Blvd for 0.2 mi, turn right on Figueroa St for 0.2 mi, continue on Perimeter Roadway for 0.2 mi, the parking lot is on the left side. Going northbound

4-740-A Site Strategy - Ventura River

4-740-A

US 101, exit California St #70A, turn left on California St, turn right on Harbor Blvd for 0.3 mi, turn left on Figueroa St, continue on Perimeter Roadway for 0.2 mi, the parking lot is on the left side. Directions take you to the east side of the river, the fairgrounds and Seaside Park with large parking area. Walk west to the river mouth.

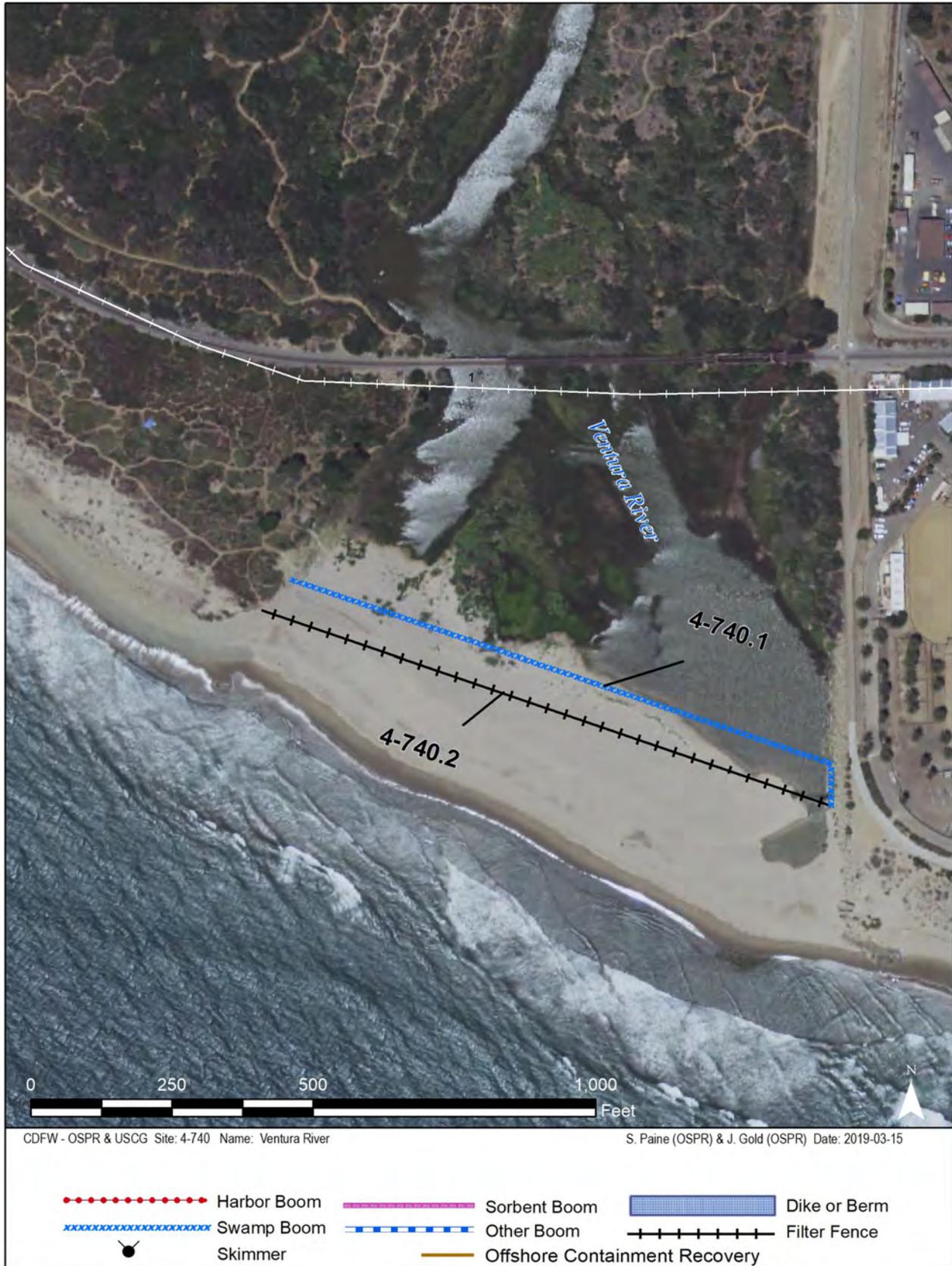
Land Access: Access to this site is controlled by California State Parks. Vehicle access from Seaside Wilderness Park to the north of river mouth. Foot access on the southeast side of the river mouth from Shoreline Drive.

On-Water Limitations: Ventura Harbor for full service berthing, launching and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging: Ventura County Fairgrounds. Command Post: Ventura County Fairgrounds. Equipment: MSRC, NRC, and Patriot.

Communications Problems:

Additional Operational Comments:



4-743-A Site Summary - San Buena Ventura State Beach**4-743-A****County :** Ventura **ACP Division/Segment :** VN - D - S01 VN - D - S02**NOAA Chart :** 18725(a) **Map Book :** 491 D x 3 **Decimal Degrees** 34.25 -119.27**Site Description:**

This site is a 2.5 mile long beach from Ventura City Pier to just NW of the Ventura Harbor. San Buenaventura State Beach is a wide, fine to medium-grained sand beach with about eight rip-rap groins. There is a residential community in the southern half of site.

Resources at Risk:

ESI and Habitat: 9B Vegetated low banks
 3A Fine- to medium-grained sand beaches
 1B Exposed solid man-made structures

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	shorebirds		Year-round
Birds	Western snowy plover	FT	Year round
Fish	grunion		Mar-Aug
Invertebrates	rocky intertidal resources		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
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:

This beach is critical habitat for nesting T/E species. Responders should not be on beach without a UC approved biological monitor.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe access may be dependent on tide and surf. Sand may be soft so lower tire pressure on all vehicles.

Site Strategies:

Strategy: 4-743.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART

Strategy: There are no feasible onshore protection strategies for this area. Attempt to collect and/or disperse oil in offshore locations before it reaches the shoreline.

Table of Response Resources

Last Page Update

Logistics:

Directions: Going southbound US 101, exit Seaward Ave #68, turn right on E Harbor Blvd for 0.2 mi, turn left on San Pedro St for 0.2 mi to San Buenaventura State Beach headquarters. Going northbound US 101, exit Seaward Ave #68, turn left on S Seaward Ave for <0.1 mi, turn right on E Harbor Blvd for 0.4 mi, turn left on San Pedro St for 0.2 mi to San Buenaventura State Beach

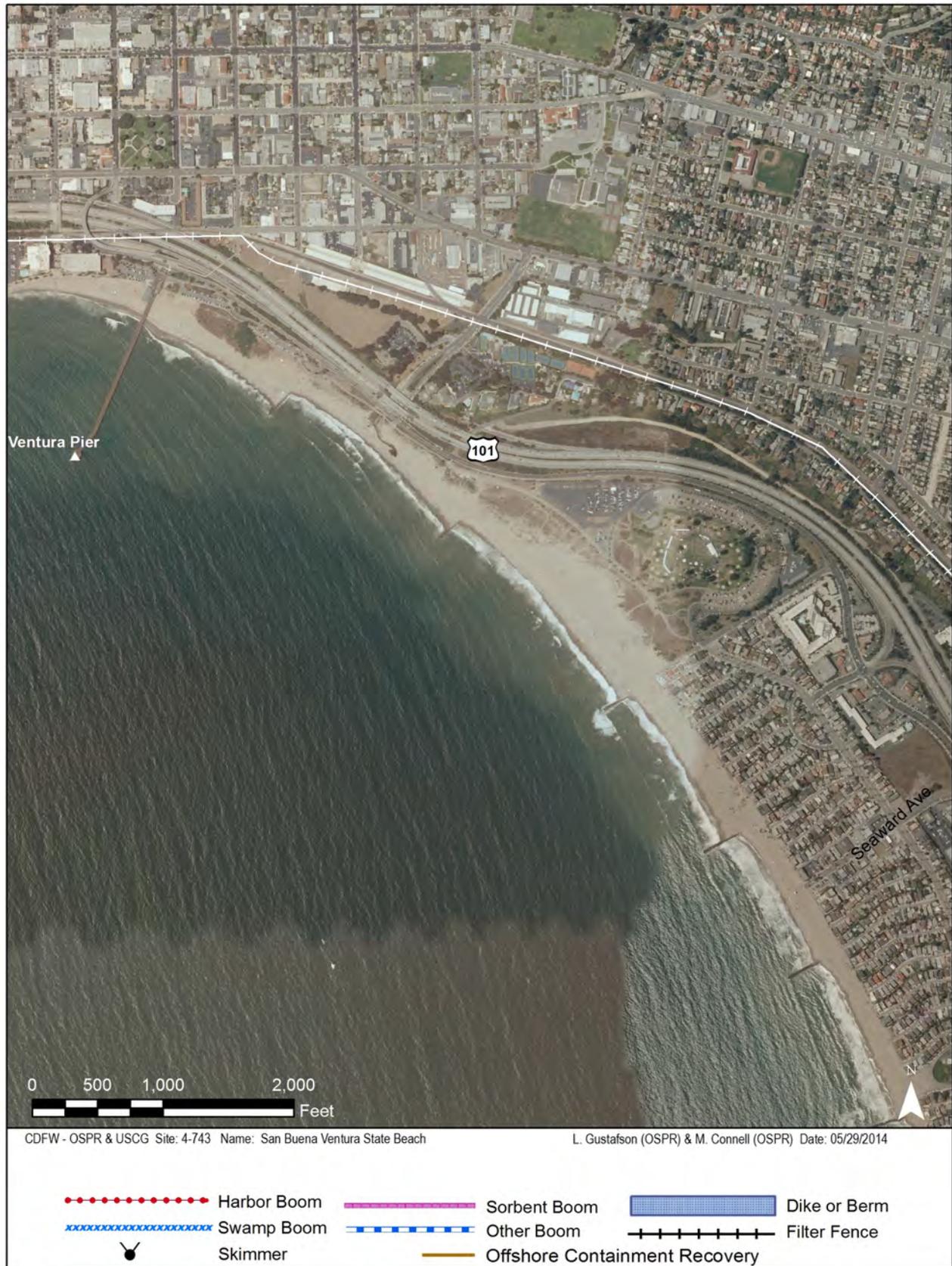
Land Access: Access to this site is controlled by California State Parks

On-Water Limitations: Ventura Harbor is the nearest full service civilian harbor for full service berthing, launching and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Large staging area at CA State Parks parking lot.

Communications Problems:

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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

4-747-C Site Summary - Ventura Harbor**4-747-C****County :** Ventura **ACP Division/Segment :** VN - D - S03**NOAA Chart :** 18725(a) **Map Book :** 491 F-G x 5-7 **Decimal Degrees** 34.245 -119.27**Site Description:**

Ventura harbor is bounded by jetties, to the south and north of the harbor mouth on Spinnaker Drive. Ventura Harbor's entrance faces west and is formed and protected by rip rap breakwaters. Marina Cove Beach (fine to medium-grained sand) lies just inside the south entrance. This is a large harbor primarily for recreational boaters. There are a number of residential developments located along the inner keys. Large waves may occur at the entrance.

Resources at Risk:

ESI and Habitat: 9A Sheltered tidal flats
 8C Sheltered riprap
 8B Sheltered solid man-made structures
 5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sept
Birds	seabirds		Year-round
Birds	brown pelican		Year-round
Birds	gulls		Year-round
Mammals	harbor seal	FP	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Harbormaster	Ventura Harbor Port District	(805) 642-8618
T	/Dispatch (24hr)	Channel Islands National Park	(661) 723-7619
T	Justin Viezbicke/Marine Mammal Stranding	NOAA National Marine Fisheries Service	(562) 506-4315
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:

Sea otters are occasionally observed inside the harbor.

Concerns and Advice to Responders:

The primary objectives are to protect the harbor from wildlife and economic injuries by excluding oil. The harbor and breakwater provide important foraging and roosting habitat for T/E birds and valuable hard bottom habitat for fishes and invertebrates. It is critical to mount a rapid response to control, contain, and cleanup the spill before it affects wildlife and economic resources.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Beware of boat traffic, pedestrians, waves, and slips, trips and falls, and water hazards on docks, ramps, boats, breakwaters, and intertidal areas.

Site Strategies:**Strategy: 4-747.1 Objective:** Exclude Oil

Strategy: Deploy exclusion booms across the harbor entrance. Place the booms in a configuration which forms an oil collection pocket which can be adjusted to accommodate changes in flow direction. If there is skimmable oil present, deploy sorbents and contact the IC immediately regarding the use of skimmers and or other mechanical means for collecting oil.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			2000	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 10/16/2012
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Anchor	Danforth			8		
Staff				10		

Strategy: 4-747.2 Objective: Contain Oil

Strategy: Surround the source of the spill with hard boom backed by sorbents. If needed, add secondary booms. Contact Incident Command immediately regarding appropriate recovery methods. NOTE: GASOLINE VAPORS ARE HIGHLY FLAMMABLE. USE EXXTREME CAUTION.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			200	feet	
Boom	Sorbent Boom			200	feet	
Staff				2		
Vessel	Skiff			1		

Strategy: 4-747.3 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: Shoreline Precleaning - 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 oiled debris in its former location once the threat of oiling is past. If heavy equipment is required for this operation, request trustee consultation and IC for authorization.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Misc.	Trash Bags					
Vessel	Skiff or Punt			1		
Staff				5		

Logistics:

Directions: Going southbound US 101, exit Seaward Ave #68, turn left on Harbor Blvd for 1.2 mi, turn right on Beachmont St for 0.4 mi, continue on Anchors Way Dr for 0.1 mi, turn right at 1651 Harbortown Point Marina Port, the Harbor Master office is on the right hand side (1603 Anchors Way). Going northbound US 101 exit Seaward Ave #68,

4-747-C Site Strategy - Ventura Harbor

4-747-C

turn left off the freeway, turn left on Harbor Blvd for 1.0 mi, turn right on Beachmont St for 0.4 mi, continue on Anchors Way Dr for 0.1 mi, turn right at 1651 Harbortown Point Marina Port, the Harbor Master office is on the right hand side (1603 Anchors Way). To reach the northern side of the harbor from Harbor Blvd turn right on Peninsula St for 0.3 mi, turn left on Bayshore Ave for 0.4 mi and right on Coral St, turn left into Marina Park. To reach the southern side of the harbor (and Channel Island National Park Headquarters), from Harbor Blvd turn right on Spinnaker Drive for 1.3 mi and continue all the way to the end.

Land Access: Although most areas subject to oiling are accessible primarily by boat

On-Water Limitations: Ventura Harbor is a full service civilian harbor for berthing, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging and access at Marina Cove Beach & Harbor Master's Office.

Communications Problems:

Additional Operational Comments:



Imagery: NAIP 2010 (Summer) 4-Band

4-750-A Site Summary - Santa Clara River Estuary**4-750-A****County :** Ventura **ACP Division/Segment :** VN - E - S02**NOAA Chart :** 18725(a)**Map Book :** 521 F-G x 1-2**Decimal Degrees** 34.228333 -119.261667**Site Description:**

Santa Clara river estuary lies just south of the Ventura Harbor and just north of the park at McGrath State Beach. The 180 acres of lagoon and salt marsh habitats support a wide variety of plants, primarily pickleweed and jaumea, as well as habitat for numerous birds, fishes (including the steelhead trout and the tidewater goby) and other wildlife. The river mouth is normally closed off by a sand berm during summer months. North and south of the river mouth are extensive fine to medium-grained sand beaches. A wastewater treatment plant is located on the north side of the river mouth. This plant discharges approx. 9.5 million gallons of tertiary treated waste water per day into the estuary.

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

9B Vegetated low banks

3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	Year-round
Birds	seabirds		Year-round
Birds	shorebirds		Year-round
Birds	waterfowl		Year-round
Fish	steelhead - Southern California	FE	Year-round
Fish	tidewater goby	FE	Year-round
Plants	salt marsh bird's beak	FE, SE	Year-round
Plants	Ventura marsh milkvetch	FE, SE	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/	Ventura Water Reclamation Facility	(805) 677-4114
T	Mary Larson/Fisheries Biologist	California Department of Fish and Wildlife, Reg 5	(562) 537-8624
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
T	/Ranger Officer	California State Parks, Ventura	(805) 648-4127
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:

The river mouth is designated as a state wildlife refuge and a natural reserve and is part of the McGrath State Beach.

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

Primary spill threats from inland and marine sources. The primary objectives are to exclude oil from stream and lagoon, pre-clean debris, and clean oil from shorelines. The lagoon is habitat for Threatened/Endangered (T/E) fishes year around. T/E birds nest in the dunes and upper beaches south of the River from Mar-Sept. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in lagoon, and associated vegetation; avoid disturbing the dunes and upper beaches; drive vehicles on wet sand; 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 in this area. Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe access may be dependent on tide and surf. Sand may be soft so lower tire pressure on all vehicles.

Site Strategies:

Strategy: 4-750.1 Objective: Build Berm

Strategy: First, consult with resource trustees regarding wildlife issues before undertaking this activity. Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Heavy Equipment	Front Loader			1		<i>Strategy Updated: Last Test: 2/4/2014</i>
Boom	Swamp Boom			3000	feet	
Boom	Sorbent Boom			1000	feet	
Vehicle	ATV			1		
Vessel	Skiff			1		
Anchor	Danforth			8		
Staff				10		

Strategy: 4-750.2 Objective: Exclude Oil

Strategy: Deploy exclusion booms across the inlet to minimize the likelihood of oiling the estuary. Place the booms in a configuration which forms an oil collection pocket which can be adjusted to 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. Monitor, adjust, and replace booms accordingly to maintain their integrity and effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			3000	feet	
Boom	Sorbent Boom			1000	feet	
Vehicle	ATV			1		
Vessel	Skiff			1		
Anchor	Danforth			8		
Staff				10		

Strategy: 4-750.3 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 unoiled 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
Vehicle	ATV			1		
Staff				5		
Misc.	Trash Bags					

Logistics:

Directions: Going southbound US 101, exit Seaward Ave #68, turn left on Harbor Blvd for 3.2 mi. Mcgrath State Beach is directly off of Harbor Blvd on the right. Going northbound US 101, exit Seaward Ave #68, turn left onto Seaward Ave from the off-ramp, turn left on E Harbor Blvd for 2.9 mi. Mcgrath State Beach is directly off of Harbor Blvd on the right.

Land Access: Access to this site is controlled by California State

On-Water Limitations: Ventura Harbor is a full service civilian harbor for berthing, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Equipment: MSRC yard in Carpinteria. Staging area: McGrath State Beach has rest rooms, electricity, water, and parking areas, however, no other facilities occur. Potential command post sites: TBD Closest airport is in Oxnard

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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

4-761-A Site Summary - McGrath State Beach & McGrath Lake**4-761-A****County :** Ventura **ACP Division/Segment :** VN - E - S02**NOAA Chart :** 18725(a) **Map Book :** 521 G-H x 2-4 **Decimal Degrees** 34.21986 -119.25778**Site Description:**

McGrath State Beach from south of the Santa Clara river mouth to the southern boundary of McGrath lake. This is a wide fine to medium-grained sand beach that is backed by coastal dunes and is approximately 1.5 miles long. McGrath lake is a natural coastal dune lake which now serves as an agricultural drainage lake that is very rarely open to the ocean. Water is pumped out of the lake to a "slough" area near the beach to maintain lake level and avoid flooding. This state beach is a high use recreational area (camping, water sports, etc).

Resources at Risk:

- ESI and Habitat:* 10B Freshwater marshes
 9B Vegetated low banks
 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sept
Birds	shorebirds		March-Sept
Birds	Western snowy plover	FT	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/24hr	California Resources Corporation	(844) 422-5737
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
T	/Ranger Officer	California State Parks, Ventura	(805) 648-4127
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:

There is an active oil field adjacent to the lake.

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

Primary spill threats from inland and marine sources. The best response options for protecting this shoreline are to collect and/or disperse oil in offshore areas before it reaches inshore areas and to pre-clean debris from beaches. The dunes and upper beaches provide critical nesting habitat for Threatened/Endangered birds. These animals can be killed and habitat can be damaged by oil and response/cleanup activities unless responders avoid disturbing the dunes and upper beaches; drive vehicles on wet sand, and follow protective conditions from IC and resource biologists.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe access may be dependent on tide and surf. Sand may be soft so lower tire pressure on all vehicles.

Site Strategies:

Strategy: 4-761.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART

Strategy: There are no feasible onshore protection strategies for this area. Attempt to collect and/or disperse oil in offshore locations before it reaches the shoreline.

Table of Response Resources

Last Page Update**Logistics:**

Directions: Going southbound US 101, exit Seaward Ave #68, turn left on Harbor Blvd for 3.2 mi. McGrath State Beach is directly off of Harbor Blvd on the right. Going northbound US 101, exit Seaward Ave #68, turn left onto Seaward Ave from the off-ramp, turn left on E Harbor Blvd for 2.9 mi. McGrath State Beach is directly off of Harbor Blvd on the right.

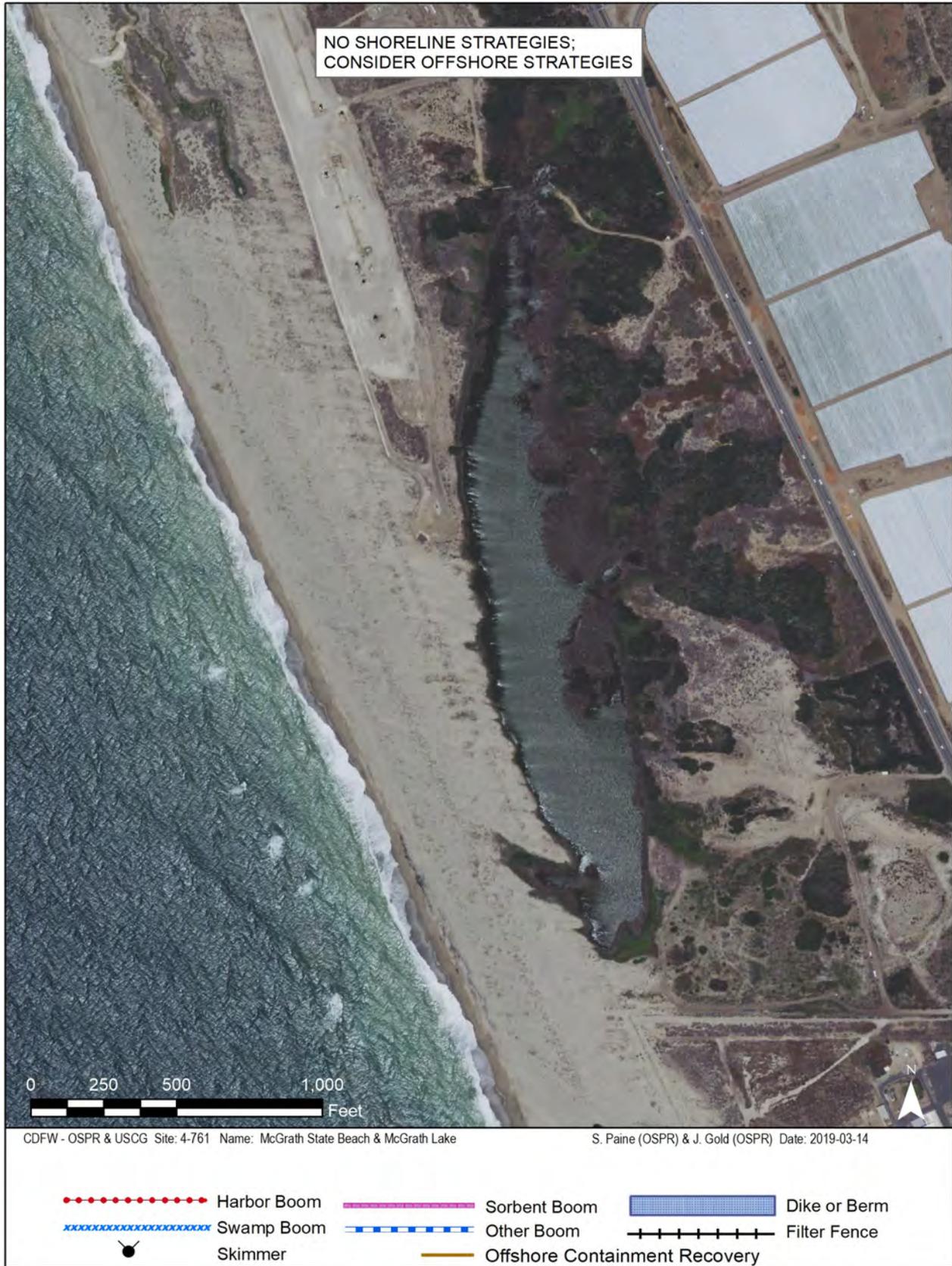
Land Access: Access to this site is controlled by California State

On-Water Limitations: Ventura Harbor is a full service civilian harbor for berthing, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Equipment: MSRC yard in Carpinteria. Staging area: McGrath State Beach has rest rooms, electricity, water, and parking areas, however, no other facilities occur. Potential command post sites: TBD Closest airport is in Oxnard

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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 2016

4-765-A Site Summary - Mandalay State Beach**4-765-A****County :** Ventura **ACP Division/Segment :** VN - E - S02 VN - E - S03**NOAA Chart :** 18725(a) **Map Book :** **Decimal Degrees** 34.19615 -119.24732**Site Description:**

This is a fine to medium-grained sand beach, about 1 mile long, starting just south of the Mandalay generating station and extending south to 1000 ft past the end of West 5th Street. The beach is backed by low dunes with sparse vegetation.

Resources at Risk:

ESI and Habitat: 9B Vegetated low banks
 3B Scarps and steep slopes in sand
 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sep
Birds	Western snowy plover	FT	Year-round
Fish	grunion		Spring-Summer

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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/	City of Oxnard, Planning Division	(805) 385-7858
E	/24hr	DCOR, Mandalay Separation Plant	(805) 585-1049
E	/Duty Officer (24hr)	Ventura County OES	(805) 947-8210
E	/	Ventura County, Watershed Protection District	(805) 654-2001
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
T	/Ranger Officer	California State Parks, Ventura	(805) 648-4127
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:

Primary spill threat from marine source. The best response option for protecting this shoreline is to collect and/or disperse oil in offshore areas before it reaches the shore. The dunes and upper beaches provide critical nesting habitat for Threatened/Endangered birds. These animals can be killed and habitat can be damaged by oil and response/cleanup activities unless responders avoid disturbing the dunes and upper beaches; drive vehicles on wet sand, and follow protective conditions from IC and resource biologists.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found in this area. Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe entries and exits from shoreline are related to tides, sea conditions, and beach sand levels.

Site Strategies:

Strategy: 4-765.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART

Strategy: There are no feasible onshore protection strategies for this area. Attempt to collect and/or disperse oil in offshore locations before it reaches the shoreline.

Table of Response Resources

Last Page Update**Logistics:**

Directions: Going southbound US 101, exit Victoria Ave/Channel Island Harbor and go 0.2 mi, turn left on Valentine Rd for 0.1 mi, turn right on Victoria Ave for 3.9 mi, turn right on West 5th St for 1.5 mi to the end of the road. Going northbound US 101, exit Victoria/Channel Island Harbor for 0.2 mi, turn left on Victoria Ave for 3.9 mi, turn right on West 5th St for 1.5 mi to the end of the road.

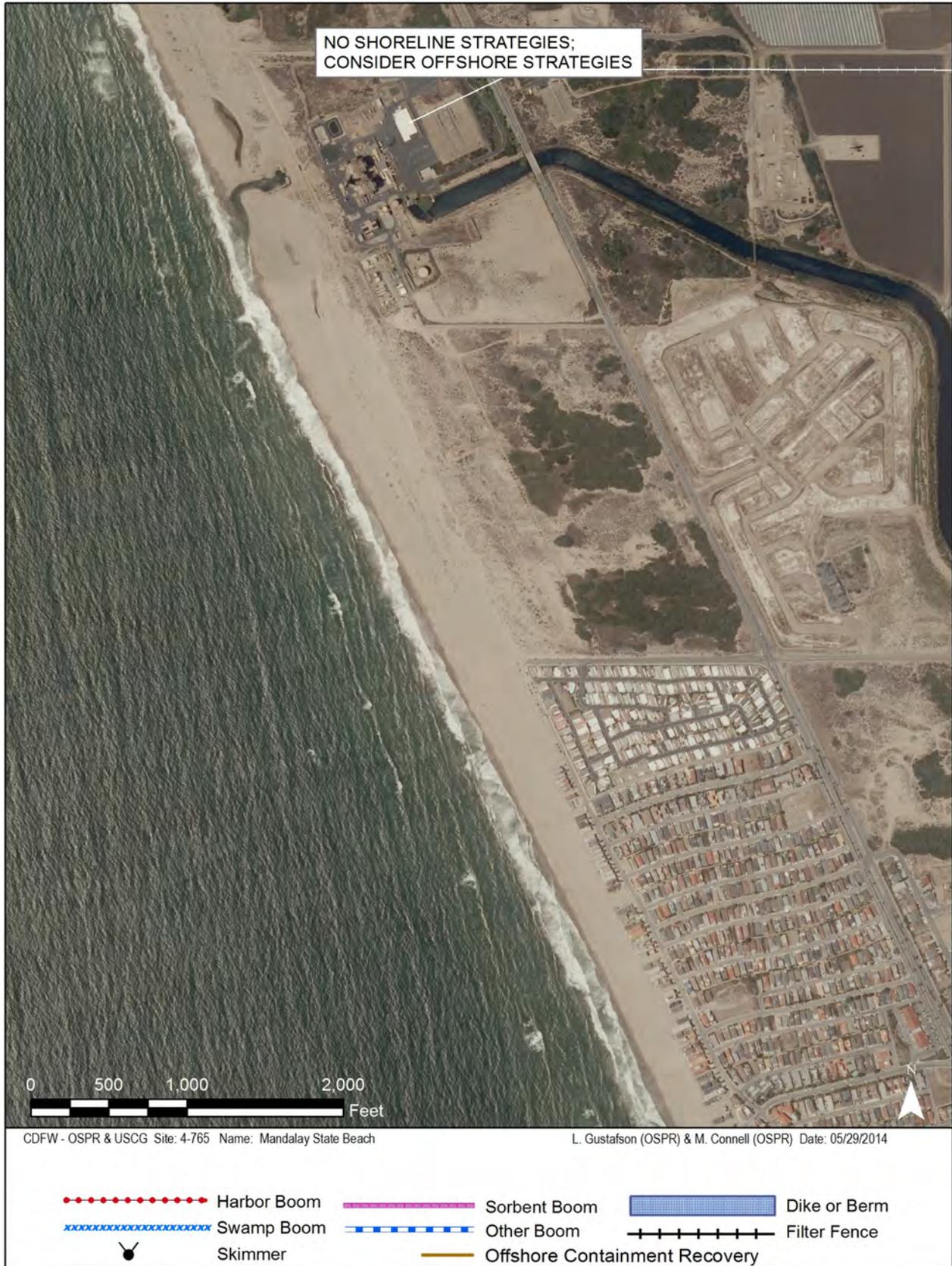
Land Access: Access to this site is controlled by California State Parks.

On-Water Limitations: Ventura Harbor and Channel Islands Harbor are both full service berthing, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Access: Easy access for heavy equipment from the south end of the site at the end of West 5th Street. Staging area and Field Command Post: The end of West 5th Street. Equipment: MSRC Yard in Carpinteria (approx. 30 miles north). Closest Airports: Oxnard.

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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. Property managed by Ventura County under agreement with CA Parks and Recreation.



Imagery: NAIP 2010 (Summer) 4-Band

4-769-A Site Summary - Hollywood Beach**4-769-A****County :** Ventura **ACP Division/Segment :** VN - E - S04**NOAA Chart :** 18725(a)**Map Book :** 521, 551, 552**Decimal Degrees** 34.18278 -119.23944**Site Description:**

This is a wide, fine to medium-grained sand beach, approximately 1 mile long, extending south of West Channel Islands Blvd to the north breakwater of Channel Islands Harbor. It includes Hollywood Beach and Hollywood-by-the-Sea.

Resources at Risk:

ESI and Habitat: 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	Year-round
Fish	grunion		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/	City of Oxnard, Planning Division	(805) 385-7858
E	/Duty Officer (24hr)	Ventura County OES	(805) 947-8210
T	SURCOM (24-hr)/	California State Parks (Dispatch)	(951) 443-2969
T	/Ranger Officer	California State Parks, Ventura	(805) 648-4127
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:

Primary spill threat from marine source. The best response options for protecting this shoreline are to collect and/or disperse oil in offshore areas before it reaches the shore. The dunes and upper beaches provide critical nesting habitat for Threatened/Endangered birds. These animals can be killed and habitat can be damaged by oil and response/cleanup activities unless responders avoid disturbing the dunes and upper beaches; drive vehicles on wet sand, and follow protective conditions from IC and resource biologists.

Hazard and Restrictions:

Beach Safety Considerations - Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe entries to, and exits from shorelines and facilities in and around the the beach are related to tides, sea conditions, and beach sand levels. When using a vehicle on the beach, sand surface may be soft.

Site Strategies:

Strategy: 4-769.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART

Strategy: There are no feasible onshore protection strategies for this area. Attempt to collect and/or disperse oil in offshore locations before it reaches the shoreline.

Table of Response Resources

Last Page Update

Logistics:

Directions: Going southbound US 101, exit Victoria Ave/Channel Island Harbor and go 0.2 mi, turn left on Valentine Rd for 0.1 mi, turn right on Victoria Ave for 3.9 mi, turn right on West 5th St for 1.2 mi, turn left on Harbor Blvd for 1.0 mi, turn right into Oxnard Beach Park at Eastbourne Bay Rd. Going northbound US 101, exit Victoria/Channel Island Harbor for 0.2 mi, turn left on Victoria Ave for 3.9 mi, turn right on West 5th St for 1.2 mi, turn left on Harbor Blvd for 1.0 mi, turn right into Oxnard Beach Park at Eastbourne Bay Rd

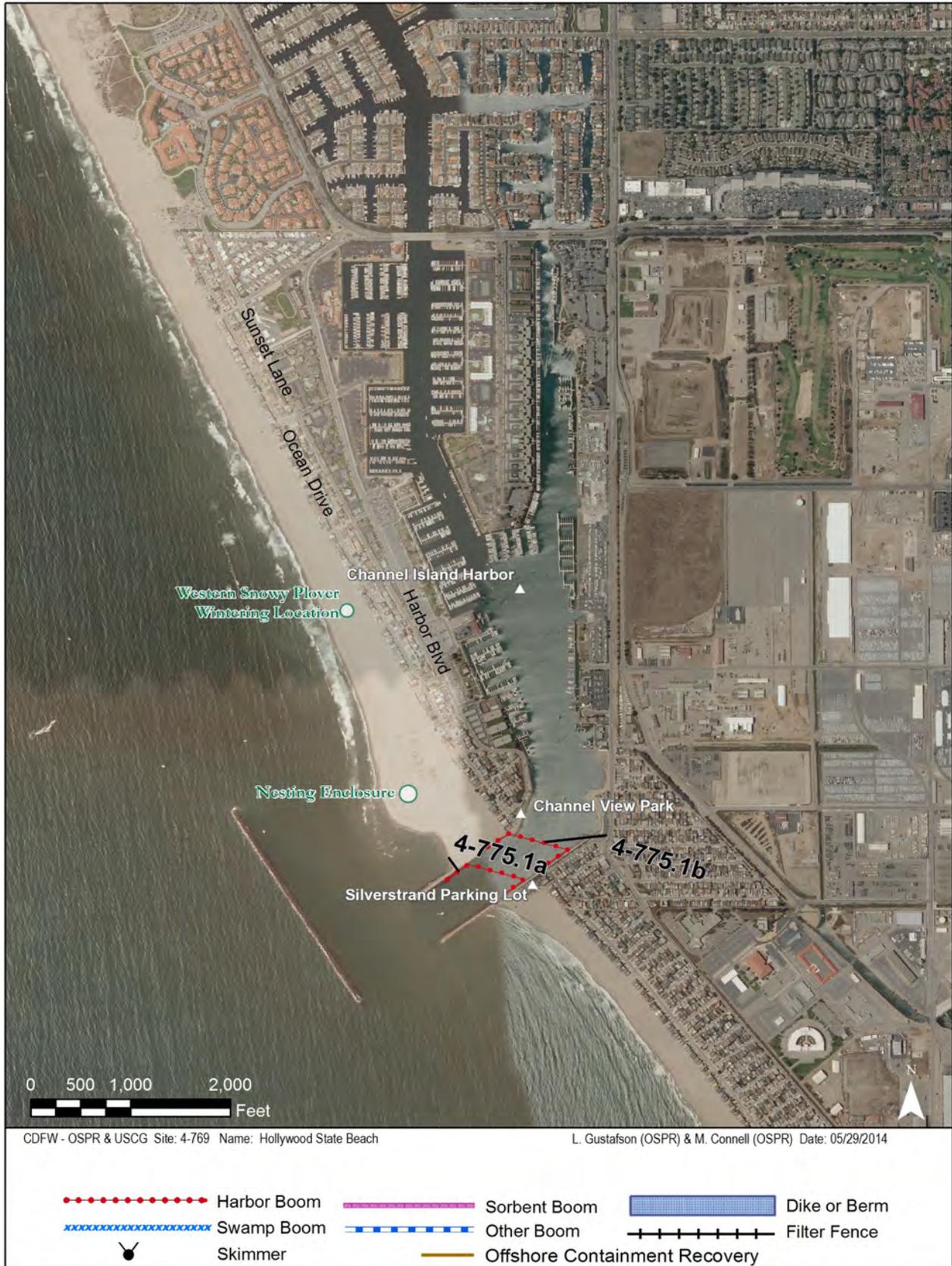
Land Access: Access for foot traffic, ATV, 4-WD, and heavy equipment on beach from the north end of the site at Beach Way. Keep below high tide line on wet sand, keep vehicle speed under 5mph, and maintain radio communication with all vehicles on beach. All beach access will be approved by IC under recommendation from agency resource biologist.

On-Water Limitations: Channel Island Harbor for berthing, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging area and Field Command Post: Mandalay beach parking lot. Equipment: MSRCYard in Carpinteria (appx 35 miles north). Closest Airports: Oxnard or Camarillo.

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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

4-775-C Site Summary - Channel Island Harbor (CIH)**4-775-C****County :** Ventura **ACP Division/Segment :** VN - F - S01 VN - F - S02 VN - F - S03 VN - F - S04**NOAA Chart :** 18725(a) **Map Book :** 552 A-B x 5 **Decimal Degrees** 34.1594 -119.2236**Site Description:**

Channel Island Harbor (CIH) provides important foraging and roosting habitat for birds and valuable hard bottom habitat for fishes and invertebrates. CIH provides services and slips for over 2,600 recreational (98%) and commercial vessels (2%).

Resources at Risk:

ESI and Habitat: 8C Sheltered riprap
8B Sheltered solid man-made structures

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	brown pelican		Year-round
Birds	seabirds		Year-round
Birds	California least tern	FE, SE	Apr-Sep
Invertebrates	rocky intertidal resources		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/	Channel Islands Harbor Patrol	(805) 382-3000
E	/24hr	City of Oxnard Fire Department	(805) 385-7712
S	/	US Coast Guard Station, Channel Islands Harbor	(805) 985-9822
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:

Channel Island Harbor is a foraging area for California least terns from April to September. Also, California grunion spawn on the beaches adjacent to the harbor entrance at night during the highest spring and summer high tides.

Concerns and Advice to Responders:

The harbor entrance faces southwest and is formed and protected by riprap jetties on the north and south of the opening. There is also a 2,300-foot long riprap breakwater located one thousand feet offshore of the jetties. Shorelines within CIH are mostly rip-rap with the exceptions of concrete seawalls in Mandalay Bay and two small sand beaches off of Victoria Ave near the harbor entrance that are used for public swimming. There is a public launch ramp and parking lot off Victoria Ave just south of Channel Island blvd.

Hazard and Restrictions:

Harbor Safety Considerations - Beware of boat traffic, pedestrians, waves, and slips, trips and falls, and water hazards on docks, ramps, boats, breakwaters, and intertidal areas. Coordinate all activities with Channel Islands Harbor Patrol.

Site Strategies:

Strategy: 4-775.1 Objective: Exclude Oil

Strategy: 1a. (low wave energy in harbor) – Deploy boom from the rip rap adjacent to the Silver Strand parking lot entrance, across the harbor entrance to the rip rap on the Hollywood Beach side of the harbor (see diagram). Place boom as close to the entrance as sea conditions will allow for effective booming. Configure boom so that the oil collection pocket can be adjusted to accommodate changes in flow direction.

1b. (high wave energy in harbor) – Deploy boom from rip rap adjacent to San Nicholas Ave, across the harbor entrance to the rip rap adjacent to Channel View Park (see diagram).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 11/15/2018
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Anchor	Danforth			6		

Strategy: 4-775.2 Objective: Contain Oil

Strategy: When the source of a spill originates inside the harbor, surround the source of the spill with hard boom backed by sorbents. If needed, add secondary booms. Contact Incident Command immediately regarding appropriate recovery methods. NOTE: GASOLINE VAPORS ARE HIGHLY FLAMMABLE. USE EXRTREME CAUTION.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			200	feet	
Boom	Sorbent Boom			200	feet	
Staff				2		

Logistics:

Directions: Going southbound US 101, exit Victoria Ave/Channel Island Harbor and go 0.2 mi, turn left on Valentine Rd for 0.1 mi, turn right on Victoria Ave for 6.3 mi, turn right on Pelican Way, Harbormaster's office: 3900 Pelican Way. Going northbound US 101, exit Victoria/Channel Island Harbor for 0.2 mi, turn left on Victoria Ave for 6.3 mi, turn right on Pelican Way, Harbormaster's office: 3900 Pelican Way.

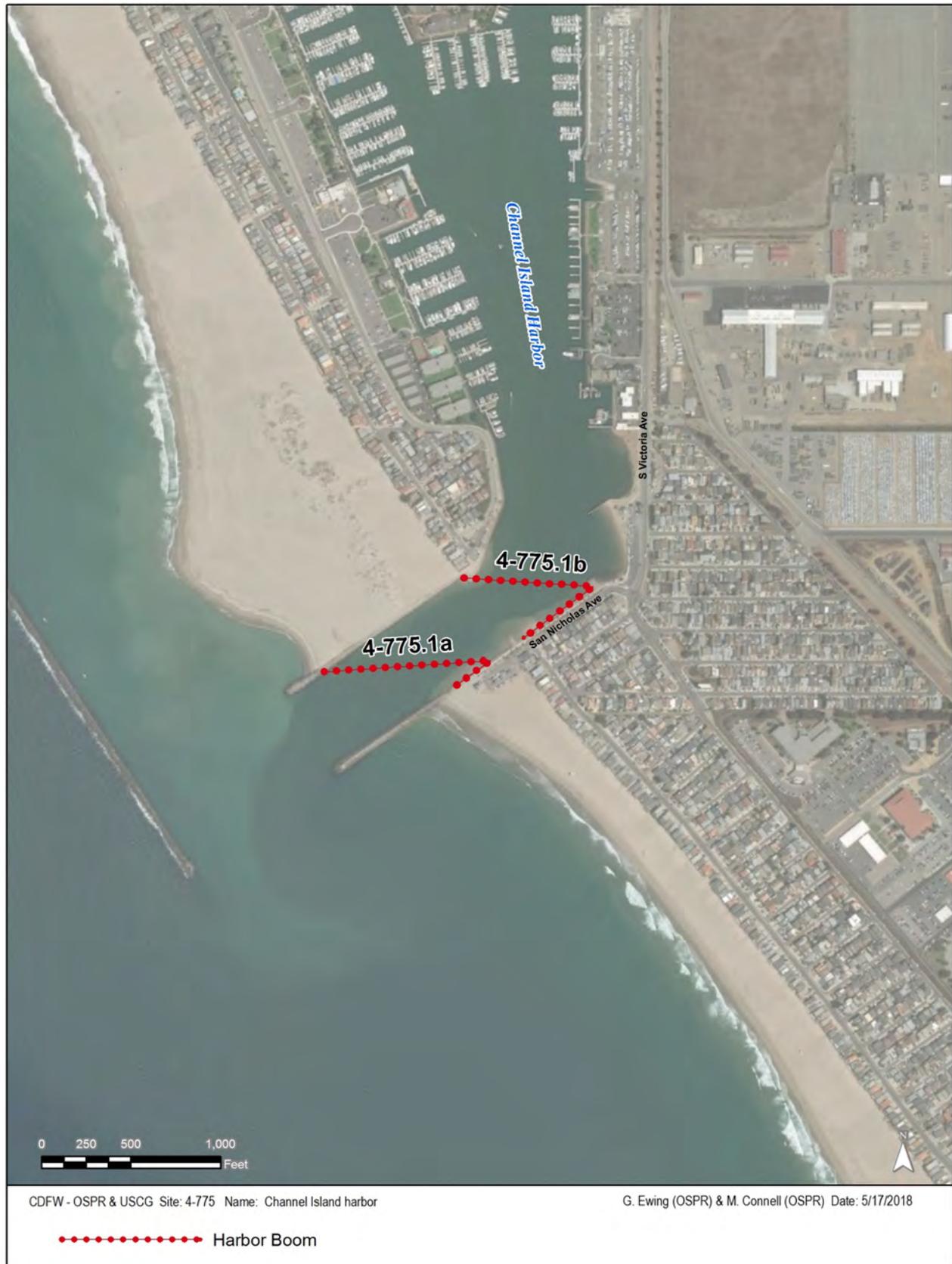
Land Access: Multiple access points to shoreline throughout harbor.

On-Water Limitations:

Facilities, Staging Areas, Command Posts, Available Equipment: Contact Harbormaster's office for berthing instructions. Equipment: U.S. Coast Guard, CI Harbor Patrol, and MSRC (Carpinteria). Staging Area: Silver Strand Beach Parking Lot Command Post: U.S. Coast Guard office and/or Harbormaster's Office. Closest Airport: Oxnard

Communications Problems:

Additional Operational Comments:



4-780-C Site Summary - Port of Hueneme (POH)**4-780-C****County :** Ventura **ACP Division/Segment :** VN - F - S07 VN - F - S08 VN - F - S09 VN - G - S01**NOAA Chart :** 18725(a) **Map Book :** 552 C-D x 6-7 **Decimal Degrees** 34.14917 -119.20778**Site Description:**

Port of Hueneme's (POH) entrance faces southwest. It is protected by riprap jetties on the north and south of the opening. POH is the only deep water port between LA/LB Harbors and SF Bay. The Hueneme submarine canyon occurs immediately off of the port entrance; the 120 foot depth profile is only 900 feet seaward of the jetties. POH is used by the US Navy, commercial shippers, and commercial fishing vessels. There is also a private mariculture facilities and a desalination plant (operated by the US Navy) located on the south side of the harbor entrance. Shorelines within the port are protected by a combination of boulder riprap and concrete seawalls with wharves supported by concrete pilings. There is a navy launch ramp and parking lot at the extreme north end of the harbor.

Resources at Risk:*ESI and Habitat:* 8C Sheltered riprap

8B Sheltered solid man-made structures

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	brown pelican		Year-round
Birds	California least tern	FE, SE	Apr-Sept
Birds	cormorants		Year-round
Birds	seabirds		Year-round
Birds	Western snowy plover	FT	Oct-Feb
Fish	juvenile fish		Year-round
Invertebrates	invertebrates		Year-round
Mammals	California sea lion	FP	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Naval Security (24hr)	Naval Base Ventura County	(805) 982-4591
E	/Duty Officer (24hr)	Naval Base Ventura County, Port OPS	(805) 797-6571
E	/Harbormaster (24hr)	Oxnard Harbor District, Port of Hueneme	(805) 488-4615
E	/Safety Officer (24hr)	Stellar Biotec Inc.	(805) 390-7755
O	/Dispatch (24hr)	Tractide Marine Fuel Terminal/Enviro. Services	(805) 488-4466
T	Justin Viezbicke/Marine Mammal Stranding	NOAA National Marine Fisheries Service	(562) 506-4315
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:

California least terns forage in POH by plunging into the water to grab small fishes. They do not nest or breed at this site. Western snowy plovers also forage on the beach near the entrance to the Port in the Fall and Winter.

Concerns and Advice to Responders:

Spill threats from in and outside of harbor. The primary objectives are to protect the harbor by excluding, containing, and collecting oil before it affects wildlife and economic resources.

Hazard and Restrictions:

Harbor Safety Considerations - This is a high use commercial and military port. Coordinate all on-water and onshore activities with the Port.

Site Strategies:

Strategy: 4-780.1 Objective: Exclude Oil

Strategy: 1a. (low wave energy in harbor) – Deploy boom from the rip rap adjacent to Dock 1, across the port entrance to the rip rap adjacent to Boat Harbor (see diagram). Place boom as close to the entrance as sea conditions will allow for effective booming. Configure boom so that the oil collection pocket can be adjusted to accommodate changes in flow direction.

1b. (high wave energy in harbor) – Deploy boom from rip rap adjacent to Dock 1, across the port entrance to the rip rap adjacent to the Navy boat hoist (see diagram). Configure boom so that the oil collection pocket can be adjusted to accommodate changes in flow direction.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 11/15/2018
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Anchor	Danforth			8		

Strategy: 4-780.2 Objective: Contain Oil

Strategy: When the source of the spill originates inside the harbor, surround the source of the spill with hard boom backed by sorbents. If needed, add secondary booms. Contact Incident Command immediately regarding appropriate recovery methods. NOTE: GASOLINE VAPORS ARE HIGHLY FLAMMABLE. USE EXTREME CAUTION.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1000		
Boom	Sorbent Boom			1000		
Staff				5		

Logistics:

Directions: Going southbound US 101, exit Victoria Ave/Channel Island Harbor and go 0.2 mi, turn left on Valentine Rd for 0.1 mi, turn right on Victoria Ave for 5.4 mi, turn left on Channel Island Blvd for 1.5 mi, turn right onto Ventura Rd for 1.9 mi, turn right on Port Hueneme Rd for 0.2 mi to the port entrance. Going northbound, exit Victoria Ave/Channel Island Harbor for 0.2 mi, turn left on Victoria Ave for 5.5 mi, turn left on Channel Island Blvd for 1.5 mi, turn right onto Ventura Rd for 1.9 mi, turn right on on Port Hueneme Rd for 0.2 mi to the port entrance. The Wharfinger's Office is in elevated trailer to the right of the entrance.

Land Access: Multiple access points to shoreline throughout port.

On-Water Limitations: Port of Hueneme and Channel Islands Harbor both support full service berth, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Small Boat Launch ramp at north end of Port.

Equipment: MSRC Yard (Carpinteria); NRC Yard (Port Hueneme); U.S. Navy and Oxnard Harbor District. Staging Areas: Multiple areas in consultation with Wharfingers Office. Potential Field Command Posts: Oxnard Harbor District Office; U.S. Navy, and USCG Office Channel Islands Harbor. Closest Airport: Oxnard

Communications Problems: Make sure Wharfinger and NBVC are informed of all actions.

Additional Operational Comments:



4-783-A Site Summary - Ormond Beach and Wetlands**4-783-A****County :** Ventura **ACP Division/Segment :** VN - G - S02**NOAA Chart :** 18725(a)**Map Book :** 386 Kx3**Decimal Degrees** 34.13694 -119.18333**Site Description:**

The site runs approximately 2.25 MI from the NW end of the wetlands to Arnold Rd in the SE. The most sensitive habitat is the nearly 130 acres of wetlands. The wetlands are primarily salt and brackish water marsh, mudflats and open water; their size varies with rainfall and water released by the nearby sewage treatment plant. Two channels enter the wetland from inland, one near each end. The beach is fine to medium-grained sand. Port Hueneme Beach Park is near the eastern portion of this site.

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

9B Vegetated low banks

3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	Belding's savannah sparrow	SE	March-Aug
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	Year-round
Fish	tidewater goby	FE	Year-round
Insects	Frost's tiger beetle		Year-round
Plants	pickleweed		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Water Resources Manager	City of Oxnard, Wastewater Treatment Plant	(805) 488-3517
E	/Operations Coordinator	Nature Conservancy, Ventura	(805) 642-0345
E	/	Ventura County, Watershed Protection District	(805) 654-2001
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:

Primary spill threat from marine source. The primary objectives are to exclude oil from lagoon and beach. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in lagoon and sand dunes.

Hazard and Restrictions:

Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe entries to, and exits from shorelines and facilities in and around the the beach are related to tides, sea conditions, and beach sand levels. When using a vehicle on the beach, sand surface may be soft.

Site Strategies:**Strategy: 4-783.1 Objective:** Build Berm

Strategy: First, consult with resource trustees regarding wildlife and cultural issues before undertaking this activity. Build a berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. If there is skimmable oil present, deploy sorbents and contact the IC immediately regarding the use of skimmers and or other mechanical means for collecting oil. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Heavy Equip	Front Loader			1		
Boom	Swamp Boom			1500	feet	
Boom	Sorbent Boom			1000	feet	
Piping	6"			6		
Anchor	Danforth			6		
Plastic sheeting	visqueen			1	Rolls	
Staff				10		

Strategy: 4-783.2 Objective: Exclude Oil

Strategy: Deploy exclusion booms across the leading edge of the inlet. 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			1500	feet	
Boom	Sorbent Boom			1000	feet	
Anchor	Danforth			6		
Staff				10		

Logistics:

Directions: Going southbound US 101, exit Victoria Ave/Channel Island Harbor and go 0.2 mi, turn left on Valentine Rd for 0.1 mi, turn right on Victoria Ave for 5.4 mi, turn left on Channel Island Blvd for 1.5 mi, turn right onto Ventura Rd for 2.2 mi, turn left on Surfside Dr for 0.2 mi. Going northbound, exit Victoria Ave/Channel Island Harbor for 0.2 mi, turn left on Victoria Ave for 5.5 mi, turn left on Channel Island Blvd for 1.5 mi, turn right onto Ventura Rd for 2.2 mi, turn left on Surfside Dr for 0.2 mi.

Land Access: Access for foot traffic, ATV, 4-WD, and heavy equipment on beach. Keep below high tide line on wet sand, keep vehicle speed under 5mph, and maintain radio communication with all vehicles on beach. All beach access will be approved by IC under recommendation from agency resource biologist.

4-783-A Site Strategy - Ormond Beach and Wetlands

4-783-A

On-Water Limitations: Port of Hueneme and Channel Island Harbor both support full service berth, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Equipment: MSRC - (Carpinteria) appx. 25 miles north.
Staging area: Port Hueneme Beach Park Potential command post sites: Naval Base Ventura County Port Hueneme
Closest airports: Oxnard and Camarillo

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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 2016

4-787-A Site Summary - Laguna Point**4-787-A****County :** Ventura **ACP Division/Segment :** VN - H - S01 VN - H - S02 VN - H - S03 VN - H - S04**NOAA Chart :** 18725(a) **Map Book :** 583 **Decimal Degrees** 34.095 -119.10806**Site Description:**

Approximately 3.5 miles (from Arnold Rd south to Laguna Point). Medium to coarse grained sand beaches backed by low dunes. Also several rip-rap structures at Laguna Point and 1 mile south of Arnold Road. This area lies within Naval Base Ventura County Point Mugu.

Resources at Risk:

- ESI and Habitat:* 9B Vegetated low banks
 6B Riprap
 4 Coarse-grained sand beaches
 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Naval Security (24hr)	Naval Base Ventura County	(805) 982-4591
E	/	US Navy, Ventura County	(805) 989-1110
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:

Primary spill threat from marine source. The best response options for protecting this shoreline are to collect and/or disperse oil in offshore areas before it reaches the shore. Should oiling occur, cleanup oiled shorelines. The dunes and upper beaches provide critical nesting habitat for Threatened/Endangered birds. These animals can be killed and habitat can be damaged by oil and response/cleanup activities unless responders avoid disturbing the dunes and upper beaches; drive vehicles on wet sand, and follow protective conditions from IC and resource biologists.

Hazard and Restrictions:

Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe entries to, and exits from shorelines and facilities in and around the the beach are related to tides, sea conditions, and beach sand levels. When using a vehicle on the beach, sand surface may be soft.

Site Strategies:

Strategy: 4-787.1 Objective: No Onsite Options: Consider Offshore Containment/Recovery/ART

Strategy: There are no feasible onshore protection strategies for this area. Attempt to collect and/or disperse oil in offshore locations before it reaches the shoreline.

Table of Response Resources

Last Page Update**Logistics:**

Directions: Going southbound US 101, exit #60/Rice Rd in Oxnard for 0.3 mi, turn right on Rice Rd for 4.1 mi, continue on Hwy 1 for 3.5 mi, exit Wood Rd for 0.2 mi, turn left onto Naval Air Rd for 0.5 mi, turn right into NBVC Point Mugu. Going northbound US 101, exit #55/Las Posas Rd in Camarillo for 0.2 mi, turn left on Las Posas Rd for 7.7 mi, turn right at Naval Air Rd for 1.0 mi, turn left into NBVC Point Mugu.

Land Access: Access for foot traffic, ATV, 4-WD, and heavy equipment on beach. Keep below high tide line on wet sand, keep vehicle speed under 5mph, and maintain radio communication with all vehicles on beach. All beach access will be approved by IC under recommendation from agency resource biologist.

On-Water Limitations: Port of Hueneme and Channel Islands Harbor (CIH) both support full service berth, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Coordinate with Naval Base Ventura County.

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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.



4-790-A Site Summary - Mugu Lagoon**4-790-A****County :** Ventura **ACP Division/Segment :** VN - H - S04 VN - H - S05 VN - H - S06 VN - H - S07**NOAA Chart :** 18725(a) **Map Book :** 583 **Decimal Degrees** 34.10111 -119.09694**Site Description:**

Site bounded by Laguna Pt. to the NW and Pt. Mugu to the SW. Mugu lagoon is one of the largest coastal wetlands in the state, covering nearly 2,000 acres. The opening to the lagoon has a large boulder rip-rap seawall to the west and a highly dynamic sand spit to the east. Large surf conditions are common. Current at entrance typically 2-4 knots during flood and ebb tides. The lagoon is owned by the Department of Defense and managed by the Naval Base Ventura County, Point Mugu.

Resources at Risk:

- ESI and Habitat:* 10A Salt - and brackish-water marshes
 9B Vegetated low banks
 9A Sheltered tidal flats
 6B Riprap
 3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	Belding's savannah sparrow	SE	Year-round
Birds	light-footed clapper rail	FE, SE	Year-round
Birds	herons		Year-round
Birds	egrets		Year-round
Birds	raptors		Year-round
Birds	shorebirds		Year-round
Birds	waterfowl		Year-round
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	Year-round
Fish	tidewater goby	FE	Year-round
Mammals	harbor seal	FP	Mar-June
Plants	salt marsh bird's beak	FE, SE	Year-round
Plants	eelgrass		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Naval Security (24hr)	Naval Base Ventura County	(805) 982-4591
E	/	US Navy, Ventura County	(805) 989-1110
T	Justin Viezbicke/Marine Mammal Stranding	NOAA National Marine Fisheries Service	(562) 506-4315
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:

The lagoon has been designated as an area of special significance (ASKS).

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

Primary spill threats from inland and marine sources. The primary objectives are to exclude oil from lagoon. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in lagoon and sand dunes.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found intermittently in this area. Also, high levels of banned pesticides are found within the sediment and biota of the lagoon. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.

Site Strategies:**Strategy: 4-790.1 Objective:** Exclude Oil

Strategy: Deploy boom across channels at the Ronald Regan Blvd bridge and at the channel just northeast of the entrance to the lagoon. 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			2500	feet	
Boom	Sorbent Boom			2500	feet	
Anchor	Screw-in			10		
Anchor	Fortress			30		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			2		
Staff				10		

Strategy: 4-790.2 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 unoiled 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
Staff				5		
Trash bags						

Logistics:

Directions: Going southbound US 101, exit #60/Rice Rd in Oxnard for 0.3 mi, turn right on Rice Rd for 4.1 mi, continue on Hwy 1 for 3.5 mi, exit Wood Rd for 0.2 mi, turn left onto Naval Air Rd for 0.5 mi, turn right into NBVC Point Mugu. Going northbound US 101, exit #55/Las Posas Rd in Camarillo for 0.2 mi, turn left on Las Posas Rd for 7.7 mi, turn right at Naval Air Rd for 1.0 mi, turn left into NBVC Point Mugu.

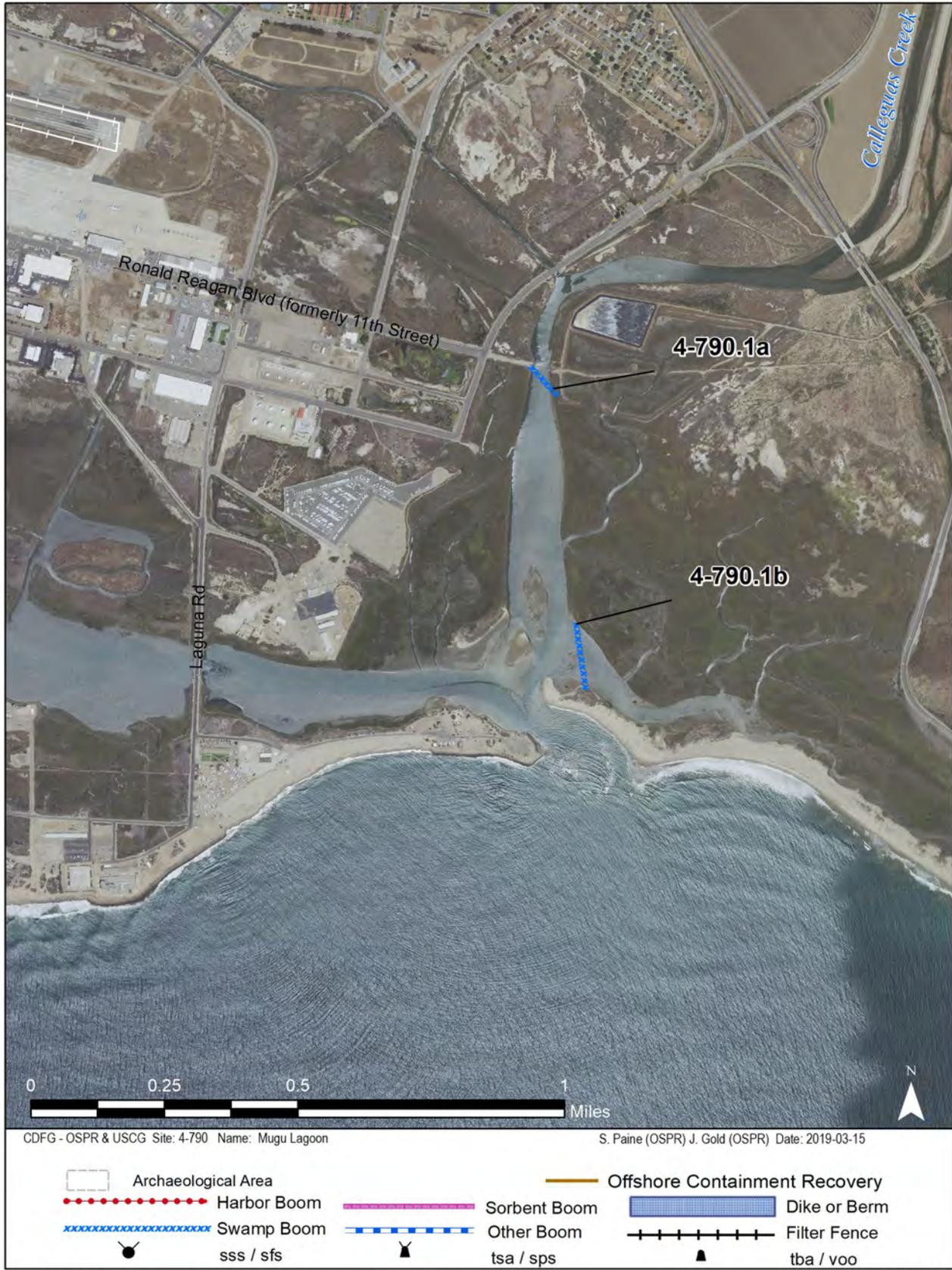
Land Access: Access for foot traffic, ATV, 4-WD, and heavy equipment on beach. Keep below high tide line on wet sand, keep vehicle speed under 5mph, and maintain radio communication with all vehicles on beach. All beach access will be approved by IC under recommendation from agency resource biologist. The lagoon shore is mud and depending on the tides may not be drivable.

On-Water Limitations: Port of Hueneme and Channel Islands Harbor (CIH) both support full service berth, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Facilities and staging available on base. Coordinate with Base Command.

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or 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 2016

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9813.3 Economic Sensitive Sites

Refer to Section 9805 for more information.

9813.3 Economic Sensitive Sites - Ventura County**Coastal**

Hobson County Park	<i>4-7-VN-100-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
		Operational Divison: VN-B	34.33803 -119.4106
CA			(805) 947-8210
Beach - camping and day use with fee.			
Rincon Parkway North	<i>4-7-VN-110-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
Between Hobson and Faria County Parks		Operational Divison: VN-B	34.33068 -119.3993
CA			(805) 947-8210
Beach - day use.			
Faria County Park	<i>4-7-VN-120-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
Off old PCH at Pitas Point		Operational Divison: VN-B	34.32057 -119.3913
CA			(805) 947-8210
Beach - camping and day use with fee.			
Emma Wood State Beach	<i>4-7-VN-130-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
South end of old PCH		Operational Divison: VN-C	34.28525 -119.3246
CA			(805) 585-1850
Beach - camping and day use with fee.			
San Buena Ventura State Beach	<i>4-7-VN-140-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
From the Ventura Pier South to Marina Park		Operational Divison: VN-D	34.26751 -119.2777
Ventura CA			(805) 585-1850
Beach - camping and day use with fee.			
Ventura Harbor	<i>4-7-VN-150-E</i>	<i>Vessel Traffic Areas</i>	E
W. of Harbor Blvd. at Anchor's Way Dr.		Operational Divison: VN-D	34.24775 -119.2686
Ventura CA 93001			(805) 642-8618
Harbor with two marinas, fuel dock, boat storage and repair, and bait shop.			
Ventura Harbor Village	<i>4-7-VN-160-E</i>	<i>Marinas/Houseboat Areas</i>	E
1559 Spinnaker Dr.		Operational Divison: VN-E	34.24723 -119.2651
Ventura CA 93001			(805) 644-0169
Berthing: 165, Mooring: 1			
Ventura West Marina	<i>4-7-VN-170-E</i>	<i>Marinas/Houseboat Areas</i>	E
1198 Navigator Dr.		Operational Divison: VN-E	34.24761 -119.2577
Ventura CA 93001			(805) 644-8266
Berthing: 544			
Channel Islands National Park HQ	<i>4-7-VN-180-D</i>	<i>Aquariums/Marine Labs</i>	D
1901 Spinnaker Dr.		Operational Divison: VN-E	34.24574 -119.2653
Ventura CA 93001			(805) 658-5730
Water intake for aquarium, exhibits, and gift shop.			

9813.3 Economic Sensitive Sites - Ventura County**Coastal**

Ventura Yacht Club	<i>4-7-VN-190-E</i>	<i>Marinas/Houseboat Areas</i>	E
1755 Spinnaker Dr.	Operational Divison: VN-E	34.24441	-119.9264
Ventura CA 93001			(805) 642-0426
Berthing: 91			
Safe Harbor Ventura Isle Marina	<i>4-7-VN-200-E</i>	<i>Marinas/Houseboat Areas</i>	E
1363 Spinnaker Dr.	Operational Divison: VN-E	34.24055	-119.2603
Ventura CA 93001			(805) 644-5858
Berthing: 703			
Andria's Seafood	<i>4-7-VN-210-D</i>	<i>Facility Intakes (Non Public-Health)</i>	D
1449 Spinnaker Dr.	Operational Divison: VN-E	34.24054	-119.2634
Ventura CA 93001			(805) 654-0546
Intake for live seafood			
McGrath State Beach	<i>4-7-VN-220-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
1.2 miles S. of Spinnaker Dr.	Operational Divison: VN-E	34.2263	-119.2613
Ventura CA			(805) 585-1850
Beach - camping and day use with fee.			
Oxnard State Beach	<i>4-7-VN-230-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
W. of Harbor Blvd.	Operational Divison: VN-E	34.1827	-119.2394
Oxnard CA			(805) 385-1049
Beach - day use.			
Pacific Corinthian Marina	<i>4-7-VN-240-E</i>	<i>Marinas/Houseboat Areas</i>	E
2610 S. Harbor Blvd.	Operational Divison: VN-E	34.17456	-119.2316
Oxnard CA 93035			(805) 984-2847
Berthing: 155			
Anacapa Isle Marina	<i>4-7-VN-250-E</i>	<i>Marinas/Houseboat Areas</i>	E
3001 Peninsula Rd.	Operational Divison: VN-E	34.17425	-119.224
Oxnard CA 93035			(805) 985-6035
Berthing: 485			
Peninsula Yacht Anchorage	<i>4-7-VN-260-E</i>	<i>Marinas/Houseboat Areas</i>	E
3700 Peninsula Rd.	Operational Divison: VN-E	34.17007	-119.2251
Oxnard CA 93035			(805) 985-6400
Berthing: 270			
Channel Islands Landing	<i>4-7-VN-270-E</i>	<i>Marinas/Houseboat Areas</i>	E
3821 Victoria Ave.	Operational Divison: VN-E	34.16512	-119.2212
Oxnard CA 93035			(805) 985-6059
Berthing: 58			

9813.3 Economic Sensitive Sites - Ventura County**Coastal**

Channel Islands Harbor Admin. & Patrol	<i>4-7-VN-280-E</i>	<i>Marinas/Houseboat Areas</i>	E
3900 Pelican Way		Operational Divison: VN-E	34.163 -119.2213
Oxnard CA 93035			(805) 973-5950
Commercial fishing marina and rental skiffs.			
Vintage Marina	<i>4-7-VN-290-E</i>	<i>Marinas/Houseboat Areas</i>	E
3150 Harbor Blvd.		Operational Divison: VN-E	34.16215 -119.2247
Oxnard CA 93035			(805) 984-3366
Berthing: 250			
Channel Island Marina	<i>4-7-VN-300-E</i>	<i>Marinas/Houseboat Areas</i>	E
Barracuda Way		Operational Divison: VN-E	34.16141 -119.2247
Oxnard CA 93035			(805) 984-7780
Berthing: 525			
Bahia Cabrillo Yacht Landing	<i>4-7-VN-310-E</i>	<i>Marinas/Houseboat Areas</i>	E
4200 S. Harbor Blvd.		Operational Divison: VN-E	34.16118 -119.2240
Oxnard CA 93035			(805) 985-6400
Berthing: 80			
C.I. Sportfishing	<i>4-7-VN-320-E</i>	<i>Marinas/Houseboat Areas</i>	E
4151 S. Victoria Ave.		Operational Divison: VN-E	34.16144 -119.2212
Oxnard CA 93035			(805) 985-8511
Berthing: 28, Mooring: 15			
Channel Islands Launch Ramp	<i>4-7-VN-330-E</i>	<i>Marinas/Houseboat Areas</i>	E
3001 Victoria Ave.		Operational Divison: VN-E	34.16497 -119.2225
Oxnard CA 93035			(805) 973-5950
Boat ramps, fuels docks, berths, park area, picnic sites, and pedestrian walkway.			
Port Hueneme Beach Park	<i>4-7-VN-340-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
Along W. end of Surfside and Ocean View Drs.		Operational Divison: VN-G	34.14252 -119.1944
Port Hueneme CA			(805) 986-6500
Beach - day use and public pier.			
Stellar Biotechnologies	<i>4-7-VN-350-D</i>	<i>Aquaculture/Mariculture</i>	D
321. E. Hueneme Rd., PMB 170		Operational Divison: VN-G	34.14829 -119.1962
Port Hueneme CA 93041			(805) 488-2147
Commercial keyhole limpet mariculture facility.			
Thornehill Broome	<i>4-7-VN-360-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
W. of Hwy 1, 1.5 mi N. of Sycamore Cove		Operational Divison: VN-I	34.08291 -119.0349
Malibu CA 90265			(310) 457-8143
Beach - camping and day use with fee.			

9813.3 Economic Sensitive Sites - Ventura County

Coastal

Sycamore Cove Beach	<i>4-7-VN-370-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
9000 Pacific Coast Hwy		Operational Divison: VN-I	3407064 -119.0137
Malibu CA 90265			(310) 457-8143
Beach - day use with fee, headquarters for Pt. Mugu State Park..			
Staircase Beach	<i>4-7-VN-380-E</i>	<i>Parks, Beaches, Recreational Areas</i>	E
4000 Pacific Coast Hwy		Operational Divison: VN-I	34.04626 -118.9462
CA 90265			(310) 457-8143
Beach - day use with fee.			

9813.4 Shoreline Operational Divisions

Refer to Section 9806 for more details.

Ventura County Operational Divisions



Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019



Ventura County Operational Divisions

Division A Description

This ~2.6 mile long stretch of shoreline is entirely backed by protective boulder rip-rap. The northern division boundary effectively extends from the intersection of NE Rincon Pt. with Hwy 101. The northwest 0.5 to 0.75 mi. of this division is boulder rip-rap with no beach except at the lowest low tides. Along all but the southern 0.2 mi. (Mussel Shoals), response equipment requires parking along Hwy 101. Partial or full highway closure may be required for responder safety. The shoreline is a wide to moderately wide sandy beach capable of supporting vehicular traffic for the southernmost 1.4 miles of this Division for the southern 1.4 miles. Access to the shoreline for vehicles in this segment is difficult because there are no access ramps to the beach. Temporary ramps could, however, be constructed should the need arise.

Division B Description

This ~6.4 mile long division begins on the south side of Rincon Pier at Mussel Shoals and extends to the south end of the community of Solimar at Dulah. This Division is included in ~ 8.4 miles of shoreline which extends from ~ 1 mile north of the Sea Cliff exit, off US 101, to the Emma Woods State Beach which must be accessed from Pacific Coast Highway. Virtually the entire shoreline of this division is backed by boulder rip-rap. There are three gated communities w/in this Division at Seacliff, Faria, and Solimar Beach. There are ungated communities at Mussel Shoals and Faria. All communities obstruct shoreline access. There are two off highway parks operated by Ventura Co - Hobson and Faria. Ventura Co Parks also allows roadside camping for RVs along a 1.6 mile stretch of PCH from Hobson to Faria Co Park.

Division C Description

This ~ 3.8 mile long division begins at the south end of the community of Solimar at Dulah and ends on the east bank of the Ventura River at the western side of the Ventura County Fairgrounds. This Division is included in ~ 8.4 miles of shoreline which extends from ~ 1 mile north of the Sea Cliff exit, off US 101, to and including Emma Woods State Beach which must be accessed from Pacific Coast Highway and/or from the Main St. Bridge. Except for the mouth of the Ventura River (Group Campground and Seaside Wilderness Park ~ 1.2 miles), the entire shoreline of this division is backed by boulder rip-rap. Emma Woods State Beach, an off highway camping area found near the southern end of the Division, covers a length of 1.2 miles of shoreline and is accessible from PCH. The Seaside Wilderness Park and Group Campground, owned by State Parks, the City of Ventura, and private entities is located within the floodplain of the Ventura River just north of the river mouth.

Division D Description

This division is under several different ownerships and includes San Buena Ventura State Beach and Ventura Harbor. The majority of this division is fine-grained sand, which is accessible for vehicular traffic during the dry season. The western section near Ventura River is composed of cobble/boulder substrate. The southern section of this division which includes Ventura Harbor is composed of sheltered, solid man-made structures and sheltered riprap. San Buena Ventura State Beach provides wintering habitat for Western Snowy Plovers. This state beach also supports a small dune system with native plants that could easily be disturbed by foot traffic. Area should not be accessed w/o expressed permission from authorized trustee biologist. This division also includes ~ 1 mile of beachfront residences from San Pedro St in Ventura south to the entrance of Ventura Harbor.

Division E Description

This ~ 6.6 mile long division begins at the south jetty of Ventura Harbor and extends SSE to and including the south jetty of Channel Islands Harbor. This Division is under several different ownerships and includes Spinnaker Dr., along the Ventura Harbor; the mouth and estuary of the Santa Clara River; McGrath State Beach and Lake and the Reliant Energy Power Plant. This division also includes 2.9 miles of beachfront residences from 5th St in Oxnard to the entrance to Channel Islands Harbor. A fine-grained sand beach covers 100% of this Division, all of which is accessible for vehicular traffic during the dry season of the year. When Santa Clara River (SCR) flows are high and the natural sand berm is open, the northern 0.5 to 0.7 mile segment and the southern portions of the Division will not be accessible for vehicular through traffic and must be accessed through onshore access points. The SCR estuary, upper beach and coastal

dunes provide habitat for T/E species and should not be disturbed w/o express permission from authorized trustee biologist.

Division F Description

This ~ 1.5 mile long division begins at the south jetty of Channel Islands Harbor and extends SE to the south side of the entrance to Port of Hueneme just west of the Jetty. This includes 0.85 miles of beachfront residences along the Silver Strand area of Port Hueneme. A fine-grained sand beach covers 100% of this Division, all of which is accessible for vehicular traffic. The remainder of the Division is under the jurisdiction of the Port of Hueneme.

Division G Description

This ~ 3.5 mile long division begins at the south side of the entrance to Port of Hueneme just west of the SE Jetty and extends SE along Ormand Beach to the fence line at Arnold Rd. which marks the NW boundary of the Naval Station Ventura County. This Division includes Port Hueneme Beach Park and fishing pier, the Ormand Beach Lagoon and wetlands, Oxnard Industrial Canal, and the Reliant Energy Ormand Beach Generating Station. The beach is narrow and subject to wave-wash in the westernmost 0.6 mile segment of this division. The remaining 2.9 miles of coastline is a broad fine-grained sand beach all of which is accessible for vehicular traffic. Ormand Beach and Lagoon provide habitat for T/E species and should not be disturbed w/o express permission from authorized trustee biologist.

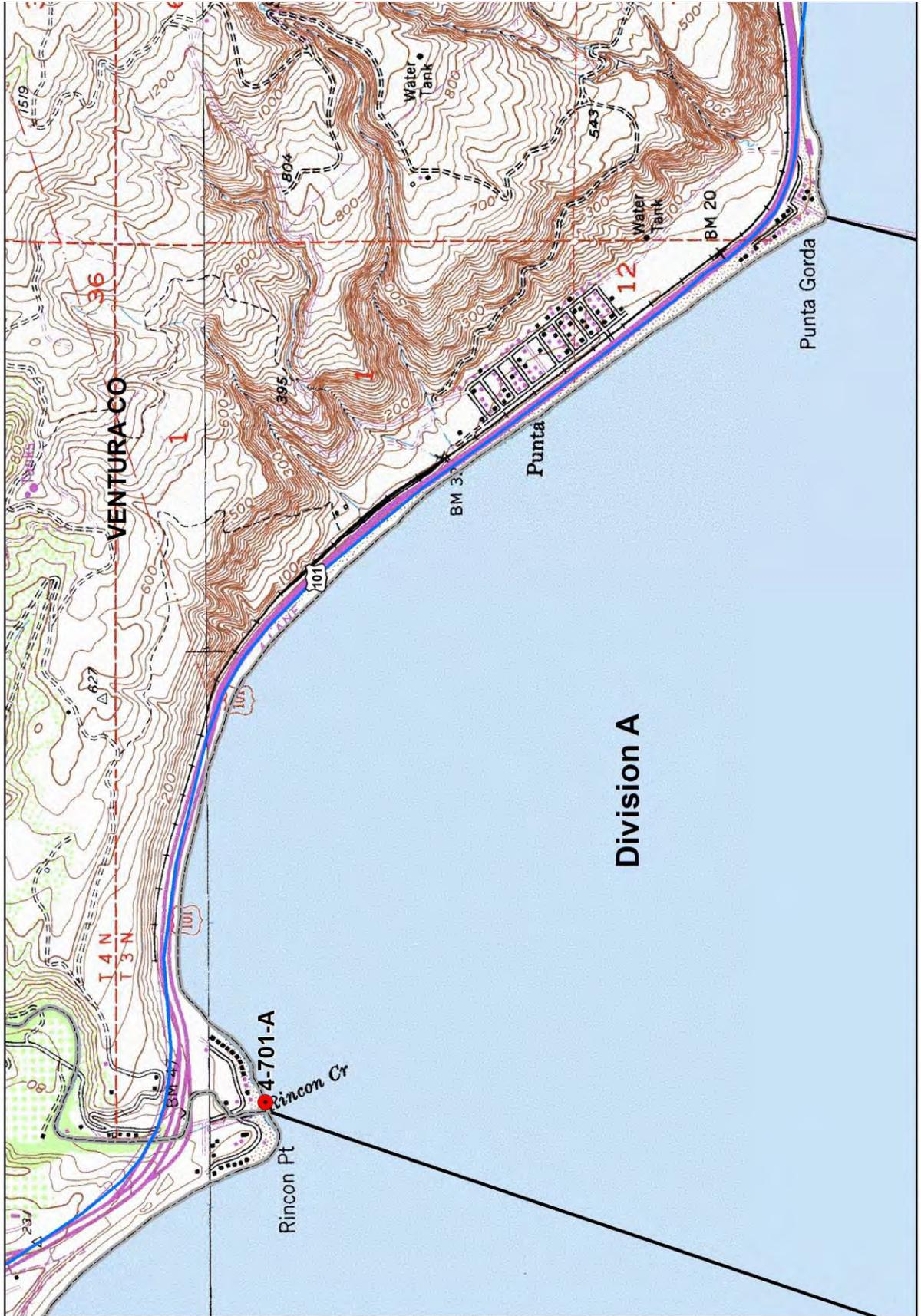
Division H Description

This ~ 6.6 mile long division begins at the fence line at Arnold Rd. at the NW boundary of the Naval Station Ventura County and extends SE along the Naval Base, Laguna Point, Mugu Lagoon, and southern sandspit to the south side of the parking lot at Pt Mugu Rock. This Division is only accessible with permission from the Naval Base. Responders should be accompanied by authorized naval personnel unless otherwise advised. Fine to medium grained sand beaches cover 100% of this Division, all of which are accessible for vehicular traffic. Beaches north of the Mugu Lagoon entrance (Calleguas Creek Discharge) must be accessed from the north. The southern sand spit must be accessed from the south near the gunnery range. Mugu Lagoon, sand spits, and coastal dunes provide critical habitat for a wide variety of sensitive habitats and protected and T/E species and should not be disturbed w/o express permission from authorized biologists from the naval base and/or state and federal agencies.

Division I Description

This ~ 7.5 mile long division begins at the south side of the parking lot at Pt Mugu Rock and extends SE to the Ventura/Los Angeles Co Line. This Division parallels Hwy 1 and the shoreline is primarily boulder rip-rap, cobble or small temporary pocket beaches exposed only at lower tides. Response within most of this division would entail roadside parking. There are larger fine to medium grained sand beaches at three locations w/in the division at Pt. Mugu State Park - 1.2 miles; Big Sycamore Canyon - 0.3 mi.; and Leo Carillo State Beach - 0.25 mi., north of the Ventura/LA County Line.

Ventura County Operational Divisions

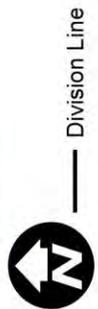


Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019

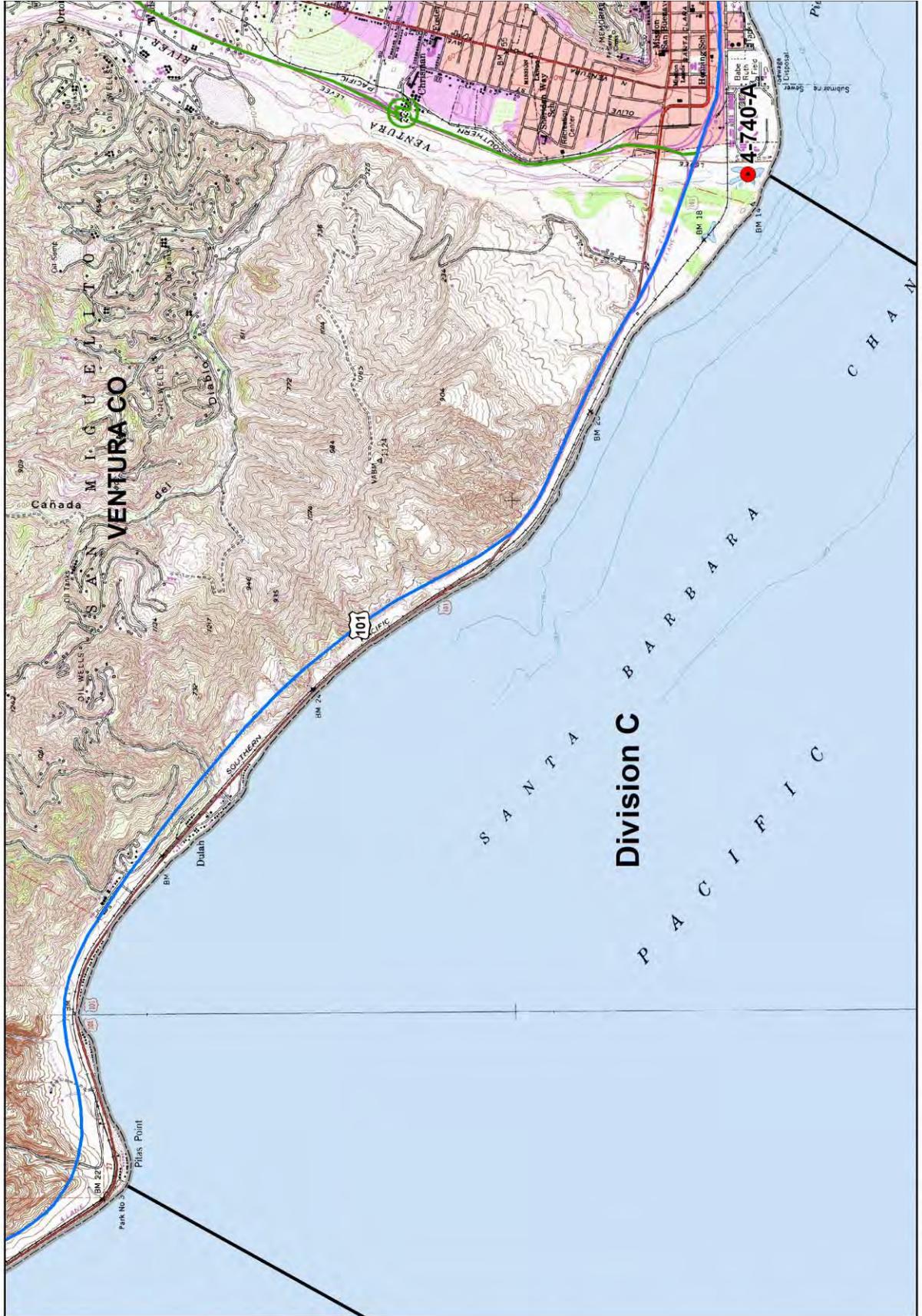
Ventura County Operational Divisions



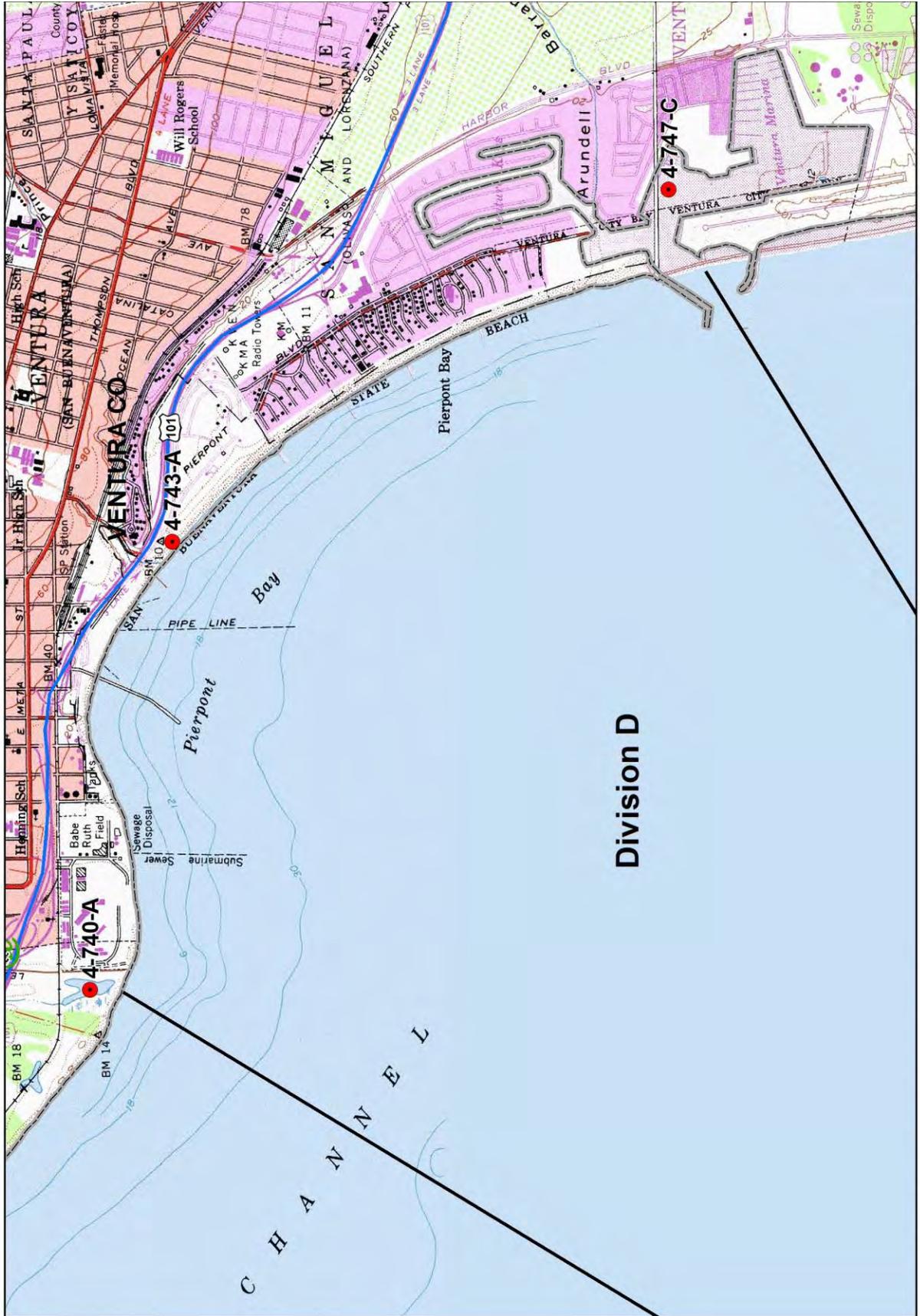
Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019



Ventura County Operational Divisions

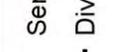


Ventura County Operational Divisions

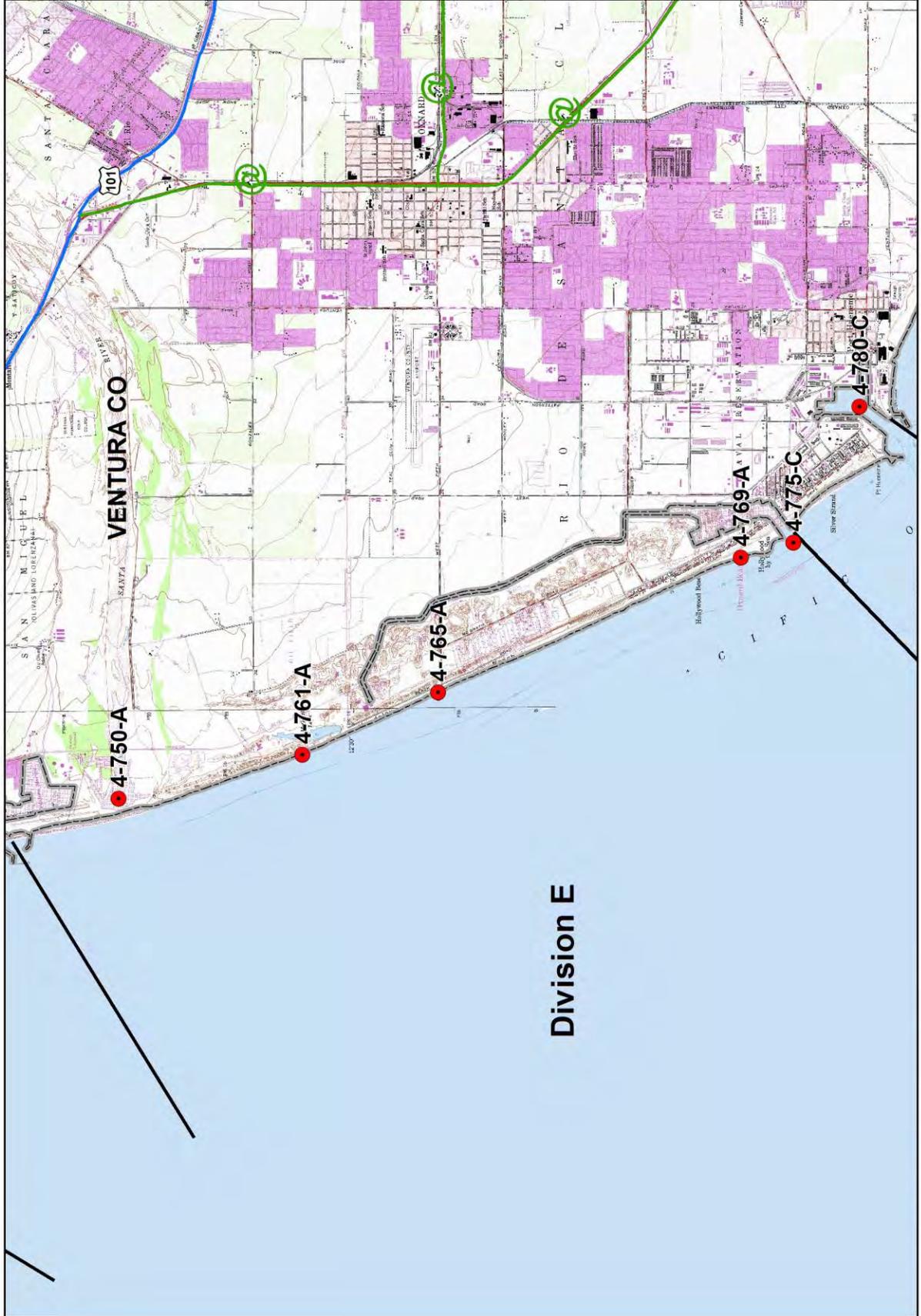


Source: Mike Connell (OSPR)
 Map produced by: Seth Paine (OSPR) March 19, 2019




 Sensitive Site
 Division Line

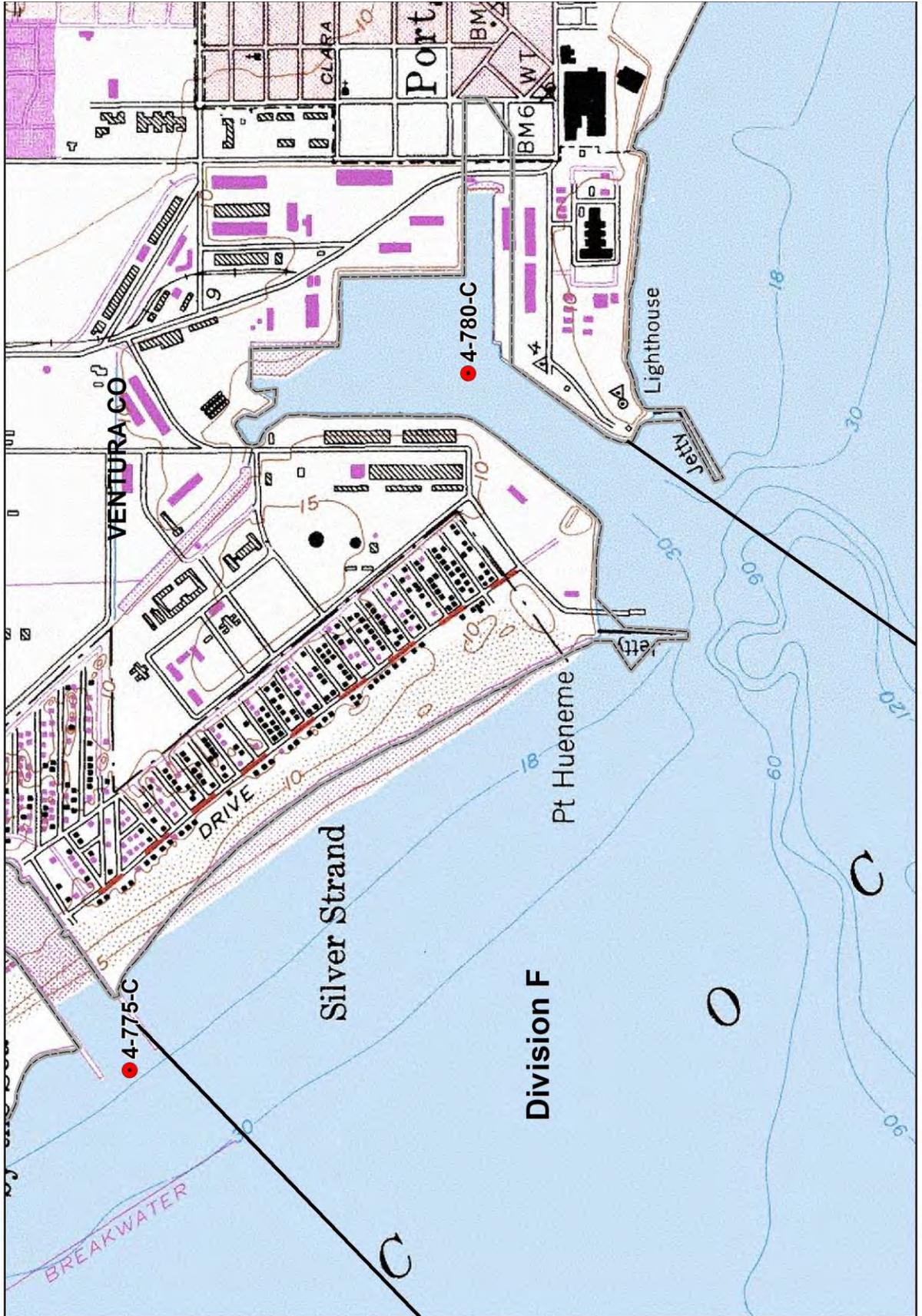
Ventura County Operational Divisions



Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019

● Sensitive Site
— Division Line

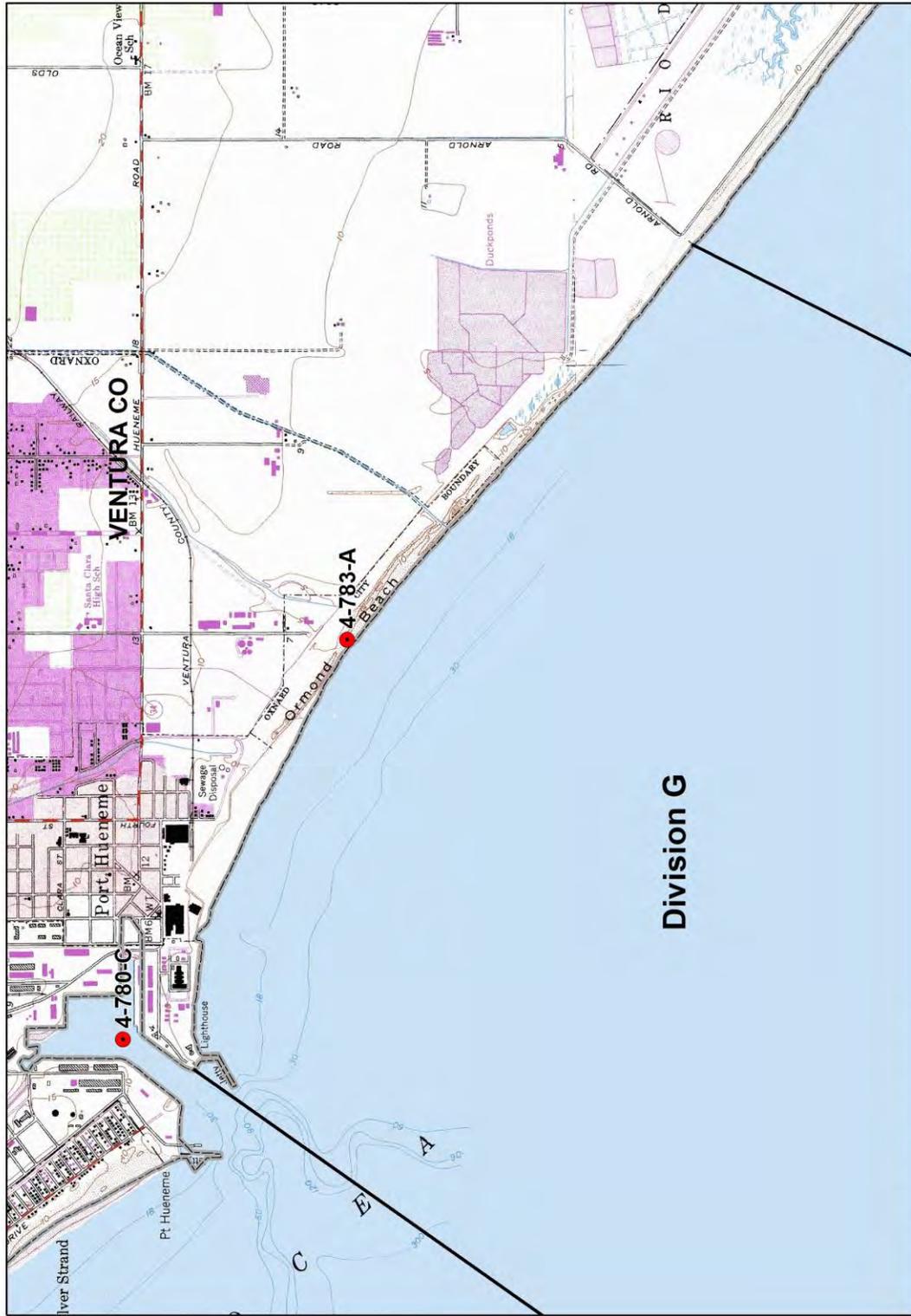
Ventura County Operational Divisions



Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019

● Sensitive Site
— Division Line

Ventura County Operational Divisions



Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019

Legend:
● Sensitive Site
— Division Line

Ventura County Operational Divisions



Source: Mike Connell (OSPR)
Map produced by: Seth Paine (OSPR) March 19, 2019

 Sensitive Site
 Division Line



0 0.5 1 Miles

Ventura County Operational Divisions

