

**County:** Sacramento **ACP Division/Segment:****NOAA Chart:** 18662 SACRAMENTO  
RIVER**Map Book:****Decimal Degrees:** 38.133677 -121.567289**Site Description:**

This site extends from New Hope Landing (upper Mokelumne fork at north end of Staten Island) to the confluence with South Mokelumne River at southwest tip of Staten Island, approx 10 linear river miles. It is bordered by Tyler Island on west bank and Staten Island on the east bank. This section of meandering river is bordered by rip-rapped levees throughout. Emergent patches and riparian growths are scattered throughout the site. It connects with the Delta Cross Channel via lower Snodgrass Slough and a cut between Dead Horse Island and McCormack Island. The channel is relatively deep and swift with only occasional in-channel islands, but there is one sizeable channel island which has high ecological value as it supports several rare plant species. It is an important waterway for migrant fish, water supply conveyance, flood control and boat traffic. The waters of the Sacramento flow to the central Delta, so very important to mitigate spread of oil.

**Resources at Risk:***ESI and Habitat:* 6B Riprap

9B Vegetated low banks

8B Sheltered solid man-made structures

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Swainson's hawk	FP, ST		Mar-Sep
Fish	delta smelt	FT, SE		Mar-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Fish	chinook salmon - Winter-run	FE, SE		Oct-May
Plants	Mason's lilaeopsis	SR		Apr-Nov
Reptiles	giant garter snake	FT, ST		Jul-Oct
Reptiles	Western pond turtle	SSC		May-Jul

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

**List of Key Contacts:**

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
E	/Office	North Delta Water Agency	(916) 446-0197
E	/Office	South Delta Water Agency	(209) 224-5854
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
S	/Dispatch, 24-hr	Sacramento Co. Office of Emergency Services	(916) 875-6900
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Restoration Ecologist	US Department of Agriculture	(530) 304-2304
T	/Spill Response Coordinator	USFWS, SF Bay-Delta Office	(916) 799-0588

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:**

Greatest concerns are oiling of sensitive plant habitats, toxicity to sensitive fish, and penetration into marshes, levees and riprap through openings and burrows. The intention is to exclude oil from this reach of the river by exclusion and collection booming.

**Hazard and Restrictions:**

Narrow levee roads and shoulders pose potential traffic hazard, necessitating traffic control.

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

**Strategy: 2-873.1 Objective:** For oil threats from the north, diversion booming to favorable shore-side collection.

**Strategy:** After assessing prevailing wind and current situation, deploy a exclusion-collection boom across the North Mokelumne south of Walnut Creek Road. Local conditions usually favor collection on the east levee (Staten Island); however, currents may permit collection on Tyler Island levee which has better access. Anchor near shore and ensure a tidal seal at margins. Back with sorbent boom or additional collection booms. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		400	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			500	feet	
Anchor	Danforth	25 lb		4		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			1		

**Strategy: 2-873.2 Objective:** If oil is threatening from south (San Joaquin River), execute south Georgiana Slough strategy and exclude oil movement upstream on flood tide.

**Strategy:** 1. Excute Georgiana Slough strategy 2-814.3.

2. Deploy 700' 6X6+ exclusion-collection boom to exclude oil from reach and to divert it to most favorable shore for collection. Prevailing conditions usually favor collection oil on the east bank (Staten Island). Deploy boom to favor a land-based collection about 300 yards upstream from Staten Island tip.

3. Back with sorbent.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		700	feet	
Boom	Sorbent			600	feet	
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-873.3 Objective:** Protection/deflection boom around mid-channel island for oil moving in midstream.

**Strategy:** Deploy 1000 ft 6X6+ protective boom around island using anchors and stakes position boom. Sorbent boom as needed and at every point where bridging may occur. Check often until verified that tidal fluxuation seal is intact.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1000	feet	
Boom	Sorbent			400	feet	
Anchor	Danforth	22 lb		4		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-873.4 Objective:** Collect Oil with Skimmer

**Strategy:** Deploy skimmers when oil accumulates in skimmable quantities. Consult with IC prior to initiation of this strategy.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	self propelled			1		
Staff	Staff to Deploy			3		

### Logistics:

**Directions:** Water access from south is from B&W Resort at Hwy 12 or from the north from Walnut Grove Marina or Wimp's. Levees on Staten, Tyler and Brannon Islands provide access: Tyler and Brannon are both paved.

**Land Access:** Levee access when dry, avoid when saturated.

**On-Water Limitations:** B&W Resort Marina at Hwy 12 is well equipped and spacious. Walnut Grove and New Hope Landing at north end have similar facilities.

**Facilities, Staging Areas, Command Posts, Available Equipment:** Both sites provide good deployment sites and facility support. Rental boats and house boats are available at Hwy 12. Most of these strategies can be supported by supplying boom from the shore.

**Communications Problems:** Good cell reception.

