

2-814-A/C Site Summary - Georgiana Slough**2-814-A/C****County:** Sacramento **ACP Division/Segment:****NOAA Chart:** 18662 SACRAMENTO RIVER **Map Book:****Decimal Degrees:** 38.235306 -121.51779**Site Description:**

This site extends from its upper mouth just downstream from the Walnut Grove bridge to its lower mouth on the Mokelumne just north of Hwy 12 (approx 12.5 miles). Georgiana Slough is a winding, leveed waterway which is a side channel of and important by-pass flow management for the Sacramento River. It is deep and swift with few beaches but frequent bench-banks with considerable shrub-scrub and some mature riparian vegetation. Migratory fish stray into this channel from their normal migration pattern: salmon, steelhead, American shad and striped bass.

Resources at Risk:*ESI and Habitat:* 8C Sheltered 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	chinook salmon - Winter-run	FE, SE		Oct-May
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Fish	delta smelt	FT, SE		Mar-May
Reptiles	giant garter snake	FT, ST		Jul-Oct

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

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
O	/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	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
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:

Several rare sensitive plants occur in the area.

Concerns and Advice to Responders:

Petroleum products are liable to be pumped to adjacent agriculture lands. Infiltration of oil into riprap, wetland, riparian habitat and invertebrate burrows is likely.

Hazard and Restrictions:

Aerial traffic beware of power wire crossings over the River; ALSO, TV towers in Walnut Grove area are a severe aerial hazard. Levee roads are narrow with narrow or no shoulders. Steep ripped levees are a hazard to motorists and foot traffic. High boat traffic use and general public use. Narrow road and narrow shoulders creates a hazardous situation. Traffic control should be implemented at this site. Thick vegetation along shore and poison oak. Loose footing near water. Narrow road, narrow shoulders, thick vegetation, deep water and fast flow create a hazardous situation. Traffic control should be implemented at this site.

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

Strategy: 2-814.1 Objective: Exclusion-diversion boom across the mouth for oil coming down Sacramento River from the north.

Strategy: Deploy 1200 ft of 9x9+ Hboom at north mouth of Georgian Slough. Anchor one end 600ft+ upstream on the east bank and set the other end 200ft+ downstream of mouth on Andrus Island levee. This long diagonal deployment should allow oil to move past the mouth on both flood and ebb.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1200	feet	
Boom	Sorbent			500	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-814.2 Objective: Flood tide oil threats at the South mouth: deter oil entry by deflection into the channel and exclusion booming across mouth.

Strategy: 1. Set 600' 9X9 Hboom across the mouth to maximize collection at most favorable shoreline for land collection (south margin has best access).

2. Deploy five 300' 9X9 Hboom legs from shore at a diagonal into mid-channel from locations downstream from mouth (beginning at bridge abutment).

Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect any 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	Harbor	9x9 inch		2100	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			1		

Strategy: 2-814.3 Objective: Oil Recovery by Shoreside skimming

Strategy: Deploy skimmers if oil accumulates in skimmable quantities. If oil accumulates as a result of strategy .2: station on-water skimmers to pickup deflected oil. Or, as an alternate, set two skimming boom configurations on bridge piers to feed two skimmers. Consult 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: The north mouth accessible by boat from marinas at Walnut Grove and the south mouth from marinas on the Mokelumne River. Both levees have all-weather, all-vehicle roads along most of their lengths: access from Walnut Grove or Isleton (0.5 mi north) to Isleton Road (Andrus Island) or Tyler Island Road (east side).

Land Access: Unrestricted access throughout area.

On-Water Limitations: Marina/Launch facilities are available at both mouths. Walnut Grove: Boathouse Marina and Walnut Grove Marina; Mokelumne at Hwy 12: B&W Marina, Spindrift Marina, Perry's Boat Harbor and others.

Facilities, Staging Areas, Command Posts, Available Equipment: A full range of facilities is available at Walnut Grove except for housing (though in limited quantity). Likewise at the southern mouth or nearby Rio Vista. Camping, cabins and motels are more available at south mouth.

Communications Problems: Cell reception varies upon your location.

