

County: **Sacramento**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Isleton, Courtland, Rio Vista**

38 14.2

121 31

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

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. 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 but little emergent vegetation. Migratory fish wander into this channel and are sidetracked from their normal migration pattern: salmon, steelhead, American shad and striped bass.

SEASONAL and SPECIAL RESOURCE CONCERN

Winter-run chinook smolts(F/SE) pass though this site from September through May. High concentrations of migratory fish are present at various times of the year.

RESOURCES OF PRIMARY CONCERN

Shrubby riparian and emergent growths, steep levees and riprap are the land habitats available. Aquatic habitats are limited by swift water and high scouring. Occasional marsh and riparian habitat.

Swainson's hawks (ST) frequent this site as do many raptors.

This area is commercially fished for crayfish.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison (916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College (707) 332-1117) for specific information on historic or cultural resources in this area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
	John Henderson F/W Biologist	NOAA, National Marine Fisheries Service	(562) 980-3232
	Eric Larson	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
		CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

2-814 -A/C Site Strategy - Georgiana Slough

County and Thomas Guide Location

Sacramento

NOAA CHART

18662 SACRAMENTO RIVER

2-814 -A/C

Latitude N

Longitude W

38 14.2 121 31

Last Page Update : 7/1/2005

CONCERNS and ADVICE to RESPONDERS:

Infiltration of oil into riprap and beaver and invertebrate burrows is likely. Petroleum products are liable to be pumped to neighboring ag lands. Toxic effects on fish life. Infiltration of oil into riprap, wetland, and riparian habitat. Occasional marsh/aquatic plants present.

HAZARDS 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

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

Deploy 1200 ft of 9x9+ exclusion-deflection boom 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.

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.

1. Set 600' 6X6+ exclusion boom across the mouth to maximize collection at most favorable shoreline for land collection (south margin has best access).
2. Deploy five 300' 6X6+ deflection booms 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.

Strategy 2-814.3 Objective: Oil Recovery by Shoreside skimming

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

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-814.1	1200			500	4	4/25lb/danforth	2	1				6	
2-814.2	2100				12	12/25lbs/danforth						7	
2-814.3	0	0	0	0	0		0	0	2	SSS/SPS 0			

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

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). 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.

LAND ACCESS: UNRESTRICTED ACCESS THROUGHOUT

WATER LOGISTICS: GOOD WATER THROUGHOUT

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: 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, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

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: none known

ADDITIONAL OPERATIONAL COMMENTS:

