

County: **Sacramento**
USGS Quad: **Clarksburg, W Sacramento, Courtland**

Thomas Guide Location

Latitude N

Longitude W

38 10.5

121 35.5

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site extends from the bridge at Isleton to the Delta Cross Channel at Walnut Grove. This site is fully leveed along its length with bench banks on the inside stretches and riprap on outside curves. Most of the riparian vegetation has been removed in riprap areas, but considerable shrub-scrub is found at this site. Occasional sandy beaches and emergent vegetation are found. It is deep and has a strong flow. It is heavily fished throughout the year, particularly when migratory fish are present such as: salmon, steelhead, American shad and striped bass. Two significant side channels branches off at Walnut Grove: Delta Cross Channel and Georgiana Slough.

SEASONAL and SPECIAL RESOURCE CONCERN

Winter-run chinook (F/SE) must pass though this site from September through May. High concentrations of other 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. The aquatic habitat is CRITICAL to many migratory species of fish including a proportion of all the salmonid stocks for the Sacramento Valley, striped bass, American shad, and Sacramento splittail.

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

In addition to resident warmwater species, this is IMPORTANT habitat to migratory fish species. A proportion of the migratory fish of the Sacramento Valley use this corridor or reside here for some portion of their life-cycle. These include: all the steelhead and salmon stocks (including winter-run chinook (F/SE)), American shad, striped bass, white and green sturgeon, and Sacramento splittail.

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:

2-813 -A/C Site Strategy - Sacramento River, Isleton-Walnut Grove Reach

2-813 -A/C

County and Thomas Guide Location

NOAA CHART

Latitude N

Longitude W

Sacramento

18662 SACRAMENTO RIVER

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 7/1/2005

Infiltration of oil into riprap, beaver, and invertebrate burrows is likely. Petroleum products are liable to be pumped to neighboring ag lands. Toxic effects on fish life. Penetration in the riprap and potential impacts to riparian habitats.

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. Loose footing near water.

SITE STRATEGIES

Strategy 2-813.1 Objective: If oil is threatening from north, execute Delta Cross Channel closure, boom Georgiana Slough mouth, and divert oil for collection.

1. See sites 2-815, 2-814 for side Cross Channel and Georgiana closures.
2. Using collection, exclusion configuration, set 500 ft of 6X6+ boom across the Sacramento River just downstream from the mouth of the Georgiana Slough mouth. Angle the boom to take advantage of favorable current and wind to drive oil to bank for collection. Winds will favor the east bank but currents and eddies may drive oil to west bank. Use 50ft Oil Snare (OS), 100ft sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-813.2 Objective: For oil spills from the Isleton area, deploy collection, exclusion boom below bridge to intercept oil and prevent spread upstream.

Downstream from the Isleton Bridge, deploy 700' 6X6+ collection, exclusion boom across river to direct oil to shore for collection. Generally winds favor collection at the easterly shoreline, but angle to best advantage under existing wind and current (incoming tide) conditions. Use area at grainery for deployment and operations. Use 50ft Oil Snare (OS), 100ft sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-813.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. Set up a land-based skimming operation at the incident levee if oil accumulates in skimmable quantities as a result of strategy .1. Set up land-based skimmer, back with sorbent as necessary if oil accumulates in skimmable quantities as a result of strategy .2. Consult IC prior to the initiation of this strategy.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-813.1	500		50 OS	100	3	3/25lb/danforths						6	
2-813.2	700		50 OS	100	3	3/25lb/danforth anchors, 200ft line	1	1				5	
2-813.3	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.)

This portion of the Sacramento River is accessible by boat from marinas at Walnut Grove and Isleton. Both levees have all weather, all vehicle roads along their lengths, including Hwy 160. This site extends from the bridge at Isleton to the Delta Cross Channel at Walnut Grove.

LAND ACCESS: UNRESTRICTED ACCESS THROUGHOUT

WATER LOGISTICS: GOOD WATER THROUGHOUT

Limitations: depth, obstruction

Launching, Loading, Docking Launch facilities are available at Isleton and Walnut Grove.
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

A wide variety of facilities are available at Isleton and Walnut Grove though capacity is limited in these small communities. Sacramento and Rio Vista have full facilities.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

