

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

Thomas Guide Location

Latitude N

Longitude W

3 8 21

121 32

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

**SITE DESCRIPTION:**

This site extends from Sacramento (the Hwy 50 bridge over the Sacramento River) downstream to the Delta Cross Channel at Walnut Grove. This site is fully leveed along its length with riprap. Most of the riparian vegetation has been removed, though remnants remain. Occasional sandy beaches and emergent vegetation are found in the upper portion. It is deep and has a strong flow. It is heavily fished throughout the year. Migratory fish are present: salmon, steelhead, American Shad and striped bass. Several significant channels branch off: Steamboat Slough, Sutter Slough, Delta Cross Channel, Sacramento Ship Channel Locks.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Winter run chinook (F/SE) must 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**

Occasional riparian and emergent growths and steep levees and riprap are the habitats available. The aquatic habitat is CRITICAL to many migratory species of fish including all the salmonid stocks for the Sacramento Valley, striped bass, American Shad, and Sacramento splittail.

Swainson's hawk (ST) frequent this site at multiple locations. This channel is of moderate importance to many other bird species.

In addition to resident warmwater species, this is CRITICAL Habitat to migratory species of fish. All 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/CE)), American shad, striped bass, white and green sturgeon, and Sacramento splittail (F/CSC).

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
O	Robert Clark	NOAA, National Marine Fisheries Service	(562) 980-3232
		North Delta Water Agency	(916) 446-0197
	John Henderson F/W Biologist	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 2-820 -A/C Site Strategy - Sacramento River, Courtland-Sacramento Reach

2-820 -A/C

County and Thomas Guide Location

NOAA CHART

Latitude N

Longitude W

Sacramento

18662 SACRAMENTO RIVER

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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.

### 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.

### SITE STRATEGIES

Strategy 2-820.1 Objective: Diversion to collection at Miller Park sandy beaches, for oil in the River above the locks

1. Prepare beach just down stream from marina mouth for oil collection: preclean beach.
2. Set a diversion boom at a long diagonal across the river to land oil on beach near marina mouth. Lay 3000 ft of 6X6+ diversion boom from west bank levee to the east side beach. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. If oil accumulates in skimmable quantities contact IC.
3. Block marina 400ft 4X4+ with swamp boom. Back with sorbent as necessary.
4. Block the river mouth of the Channel locks. Block with 1000ft of 4X4+ exclusion boom. Back with 300 ft of sorbent boom.

Strategy 2-820.2 Objective: Divert to collection at a favorable location where logistics and prevailing conditions permit oil interception and collection.

Deploy deflection booms across main channel on a long diagonal to divert oil onto most favorable riverbank for collection. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. If oil accumulates in skimmable quantities contact IC.

Strategy 2-820.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. 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 type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-820.1	0	4400		700	7 7/50lbs/danforth anchors	2	1			25	
2-820.2	0	3000	50 OS	100	7 7/50 lb/danforth, 200ft line	2	2			8	
2-820.3	0	0	0	0	0	0	0	2 portable	0		

### LOGISTICS

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

Sacramento River is accessible by boat from a number of marinas throughout its length. Both levees have all weather, all vehicle roads along most of its length, including Hwy 160. This site extends from Sacramento (the Hwy 50 bridge over the Sacramento River) downstream to the Delta Cross Channel at Walnut Grove.

**LAND ACCESS:** UNRESTRICTED ACCESS THROUGHOUT

**WATER LOGISTICS:** GOOD WATER THROUGHOUT

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Sacramento Marina and Miller Park boat ramp provide numerous boat launching opportunities. A crane was observed on west shore in the channel lock compound. Various marinas along river.

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

Excellent staging areas at marina and park. Amenities include launch facility, fuel docks, large paved staging area, restrooms, electricity, lights and nearby pay phones. Small towns along river provide limited services.

**COMMUNICATIONS PROBLEMS:** none known

**ADDITIONAL OPERATIONAL COMMENTS:**

