

County: **San Joaquin**
USGS Quad: **Stockton West**

Thomas Guide Location
SF Bay and Delt
NOAA Chart: **18661 SACRAMENTO / SAN JOAQUIN RIVER**

Latitude N
37 57.2
Longitude W
121 20

Last Page Update : 7/1/2005

SITE DESCRIPTION:

Site is from intersection of San Joaquin River and Deep Water Channel at the Port of Stockton (R 48) to terminus of harbor east of I-5. This deepwater port is heavily developed with commercial wharves and facilities. The margins are either heavily ripped or have seawalls and piers. Some mature trees line the edges. This is an area with high likelihood of originating spills.

SEASONAL and SPECIAL RESOURCE CONCERN

Special Status Species occur here: modest numbers of Delta smelt (FT/CE) are here during Nov and Dec; Swainson's hawk and burrowing owl nest and forage in this vicinity.

RESOURCES OF PRIMARY CONCERN

Aquatic environment supports freshwater community. Low dissolved oxygen can stress this community in late summer. Shoreside life that can utilize extremely disturbed areas.

Swainson's hawk (ST) and burrowing owl nest and forage north of and along the harbor.

During fall/winter modest numbers of Delta (FT/CE) smelt occur. Juvenile and adult striped bass are typical as are warm water species.

Freshwater invertebrates are those typical of low salinity delta waters.

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	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528
OEL	Dab Nomellini President	Central Delta Water Agency	(209) 465-5883

ADDITIONAL SITE SUMMARY COMMENTS:

2-010 -A Site Strategy - San Joaquin River, Port of Stockton

County and Thomas Guide Location

SF Bay and Delta San Joaquin

NOAA CHART

18661 SACRAMENTO / SAN JOAQUIN RIVER

2-010 -A

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CONCERNS and ADVICE to RESPONDERS:

This site has a relatively high probability of spills occurring due to proximity of tank farms, vessels, and industrial petroleum supplies. Although there are ecological concerns here, the objective is to confine oil to this site and prevent it from moving to other sites, particularly to upstream. Oil issues within the site are penetration into riprap, oiling of pilings and collection behind seawalls and under wharves.

HAZARDS and RESTRICTIONS:

Beware of ship traffic and wharf equipment operations. Waters are deep draft except in SJ River. Aerial traffic beware of power wires. Note: pipeline crossings under SJR just upstream from Harbor.

SITE STRATEGIES

Strategy 2-010.1 Objective: Exclusion/Containment/Collection booming at Port mouth

- Set 1300' 9x9+ Hboom across Port mouth at a diagonal. Anchor/attach one boom end to wharf #9 seawall and angle across channel to fend oil to North shore. Leave a trailing boom length to maintain seal during tidal changes. Wind wash can be a problem here. Use 50ft Oil Snare (OS), 100ft sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.
- Close off passages under south side wharf. Oil can travel through the open spaces under Wharf #9. Lay boom under east end of Wharf #9 and also across openings at west end. Leave trailing ends to keep seal during tidal flux.

Strategy 2-010.2 Objective: Exclusion/Collection/Containment boom at San Joaquin River mouth at Port junction. See San Joaquin R, Stockton to Lathrop Reach.

If needed, deploy 2-020 San Joaquin River, Stockton to Lathrop Reach: Set 4X4+ boom from dolphin southwest of Wharf #9 diagonally across river mouth to channel side of Rough and Ready Island. Anchor to keep a long diagonal downstream. Skim oil in San Joaquin from eddy at tip of Rough & Ready Island and oil from harbor from east side land sites near dolphin.

Strategy 2-010.3 Objective: Oil Recovery with shoreside skimming

Deploy skimmers when oil accumulates in skimmable quantities. Skim at north bank attachment (strategy .1, phase A). Consult with 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
2-010.1	2000		50 OS	2100	6 6/25/DANFORTH	1	1		Good land deployment options	5	
2-010.2	0	1500		1000	4 4/15 lb/danforth	0	1			4	
2-010.3	0	0	0	0	0	0	0	2 SSS	0		

LOGISTICS

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

Key access to site is by boat from marinas within and just downstream from Stockton Harbor. Levee road to north and wharves on south side are accessible via surface streets off of I-5 exits north and south of harbor. Site is from intersection of San Joaquin River and Deep Water Channel at the Port of Stockton (R 48) to terminus of harbor east of I-5.

LAND ACCESS: PAVED LEVEE ROADS

WATER LOGISTICS: deep draft, shallower in SJR

Limitations: depth, obstruction

Launching, Loading, Docking Stockton harbor area marina facilities.
and Services Available:

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

South wharves (or north levee road) is a ready deployment site with good access. Otherwise transport material by skiff.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

