

County: **Contra Costa**  
 USGS Quad: **Richmond**

Thomas Guide Location  
 AAA West Contra

Latitude N  
 37 55'  
 Longitude W  
 122 22'

NOAA Chart: **S Francisco Bay-Angel I - P S Pedro**

Last Page Update : 1/1/2000

#### SITE DESCRIPTION:

The Santa Fe Channel is the main shipping channel of Richmond Harbor. It lies south of Cutting Blvd and highway 580 between Pt. Richmond and the city of Richmond and Richmond Marina Bay. Santa Fe Channel is a shipping channel with heavy industrial use. The shorelines are of man made materials, riprap, pier pilings, and seawalls. There are small patches of mixed sand and gravel beaches and wetland vegetation. Currents are generally weak, less than 1 knot. The waters of the channel are generally protected from strong wind and seas larger than a few inches are generally absent.

#### SEASONAL and SPECIAL RESOURCE CONCERN

This is an industrial area with high risk of spills. It is an excellent site to collect, contain, and recover oil. Oil that escapes this area will present a greater threat to highly sensitive areas nearby.

#### RESOURCES OF PRIMARY CONCERN

This is degraded habitat and has continual impacts from commercial use. Pilings, bulkheads, riprap provide structural habitat for organisms living here. Gravel and mud beaches and flats support biota which is forage for shore birds. This embayment provides habitat for fish and waterbirds.

Birds feeding and resting in the Santa Fe Channel can be expected to be most abundant during the fall and spring resulting in a "C" designation.

Fish and other organisms living in the water column will be present in all seasons.

#### 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
E/T	EBRPD Dispatch EBRP	East Bay Regional Park District	(510) 881-1833
E	Port of Richmond	Port of Richmond	(510) 215-4600
E L O	Mike Williams	Port of Richmond	(510) 778-3325

#### ADDITIONAL SITE SUMMARY COMMENTS:

## 2-455 -C/X Site Strategy - Santa Fe Channel

County and Thomas Guide Location

AAA West Contra Contra Costa

NOAA CHART

S Francisco Bay-Angel I - P S Pedro

## 2-455 -C/X

Latitude N

Longitude W

37 55'

122 22'

### CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 1/21/2014

This is an industrial area with high risk of spills. It is an excellent site to collect, contain, and recover oil. Oil that escapes this area will present a greater threat to highly sensitive areas nearby. While plants and animals living on rip rap, seawalls and pilings, in the water column, and birds resting on the water in Santa Fe Channel may be sensitive and vulnerable to oil, the total impact upon wildlife, and the cost of cleanup and restoration can be limited by the containment and recovery of oil in the channel.

### HAZARDS and RESTRICTIONS:

This is an industrial area. Be aware of truck traffic on the roads. People working on the water, particularly those in small craft must be aware of ship traffic and the potential for objects to fall from docks. Currents are light and the water generally deep.

### SITE STRATEGIES

Strategy 2-455.1 Objective: Contain/collect oil within Channel and prevent oil from leaving the channel and threatening sensitive sites immediately outside of the channel. Divert oil to shore side skimming.

Contain the Channel by closing the mouth with repeated boom layers and divert to shore side skimming (SSS). (a) Deploy 2000ft of 9X9+ Hboom from Sheridan Point Park to Potrero Point. Collect and recover oil at Potrero Point on the ebb tide. (b) Deploy another 2,000ft of 9X9+ Hboom parallel to and 2,000 feet north of the first. Collect and recover oil along the west side of the channel on the ebb tide. (c) Deploy 1000ft of Hboom in a north to south direction from the west side of the confluence of the Lauritzen Canal and the Santa Fe Channel to the opposite side of Santa Fe Channel. Collect oil in Lauritzen Canal on the flood tide. Oil could also be collected in the Parr-Rich Canal on the flood tide using a similar deployment, however, this site would require 2,000ft of Hboom. (d) The former dry docks immediately west of Potrero Point should be used to collect and recover oil. Collection can be enhanced by deploying a 600 foot length of boom from the southwest corner of a dry dock in a east to southeast direction and anchoring it there. At least 2 such collection systems should be set up. Sorbent boom should be available to back up and catch any oil that might escape the collection sites.

### 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
2-455.1	6200			500	10	10	5					10	

### LOGISTICS

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

Take highway 580 to Richmond. To reach the Richmond Marina launch ramp, take the Harbor way exit. Turn south onto Harbor Way South. Turn left on Hall and proceed to the Richmond Marina. To reach the oil terminals on the west side of the Santa Fe Channel, take the Canal Blvd. Exit. Turn south onto Canal Blvd and proceed to the appropriate terminal. The Santa Fe Channel is the main shipping channel of Richmond Harbor. It lies south of Cutting Blvd and highway 580 between Pt. Richmond and the city of Richmond and Richmond Marina Bay.

**LAND ACCESS:** Good access for trucks and other heavy equipment along most shorelines

**WATER LOGISTICS:** Good access throughout channel

Limitations: depth, obstruction

Launching, Loading, Docking Boat launching at Richmond Marina Bay  
and Services Available:

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

Potential staging areas at most oil terminals along the channel, at MSRC at the end of Canal Blvd., and at Richmond Marina Bay. Most oil terminals can set up small command posts.

**COMMUNICATIONS PROBLEMS:** none known

### ADDITIONAL OPERATIONAL COMMENTS:

