

2-736 -B Site Summary- Taylor Slough and West Piper Slough

2-736 -B

County: **Contra Costa**

USGS Quad: **Jersey Island**

Thomas Guide Location

Latitude N

3 8 02

Longitude W

121 40

NOAA Chart: **18661 Sacramento / San Joaquin River**

Last Page Update : 7/1/2017

SITE DESCRIPTION:

This site includes Taylor Slough from its confluence with Dutch Slough (not including the berm island at the confluence) to Piper Slough confluence with False River to southeasterly tip of Little Franks Tract. This is a winding, relatively narrow, ripped channel with agriculture on Jersey Island bank, rural residential and private docks on Bethel Island bank, and marshy berm islands scattered along its length. Remnant levee of Little Frank's Tract is in natural marsh and shrub-scrub.

SEASONAL and SPECIAL RESOURCE CONCERNS

RESOURCES OF PRIMARY CONCERN

highly productive marsh areas with sensitive plant species.

Rare: Mason's Lilaeopsis (S) and Category 2: Suisun Marsh aster (F)

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

ADDITIONAL SITE SUMMARY COMMENTS:

2-736 -B Site Strategy - Taylor Slough and West Piper Slough

County and Thomas Guide Location

Contra Costa

NOAA CHART

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CONCERNS and ADVICE to RESPONDERS:

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Primary concerns are oiling of marshy margins and penetration into levees though riprap and animal burrows.

HAZARDS and RESTRICTIONS:

Riprap poses slip, trip and fall hazards.

SITE STRATEGIES

Strategy 2-736.1 Objective: For local spills, halt oil movement at the source and recover as close to source as possible. Prevent further spread in slough.

Use containment boom to close off uncontaminated part of Taylor Slough. Recover with use 50ft of oil Snare (OS), 100ft of sorbent boom. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-736.2 Objective: Exclusion boom mouth of Taylor (but only if False River deployments fully supplied) for threats from False River.

Deploy two cascading legs 400" 6X6+ Sboom south of ferry dock to a collection pocket (Jersey Island) where a vacc truck can remove accumulated oil. Overlapping legs to allow for vessel traffic. Back collection pocket with sorbent boom. Place (4) additional 400' 4X4 or sorbent boom across channels at Piper mouth on Frank's Tract and across both channels at intersection of Taylor and Piper Sloughs.

Strategy 2-736.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmer if oil accumulates in skimmable quantities. Contact IC prior to initiating 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
2-736.1	0	400	50 OS	100	4 4/15lbs/anchors	1	1			5	
2-736.2	0	800		1900	5 4/25lbs/danforths & stakes	1	1		vacc truck	5	
2-736.3	0	0	0	0	0	0	0	1 SSS	0		

LOGISTICS

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

Private and public levee roads of Bethel and Jersey Islands provide access to island margins. There is ready access by boats from marinas on Bethel Island, Mokelumne River, Brannon-Andrus Island and Antioch. This site includes Taylor Slough from its confluence with Dutch Slough (not including the berm island at the confluence) to Piper Slough confluence with False River to southeasterly tip of Little Franks Tract.

LAND ACCESS: PAVED LEVEE TO MOUTH, GOOD DRY LEVEE RD

WATER LOGISTICS: GENERALLY GOOD WATER

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launch and marine support at Antioch, Bethel Island and mouth of Mokelumne. Launch at Brannon Island State Park.

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

Complete support facilities at Antioch and Brentwood. Lesser degree at Bethel Island and Oakley. Also support facilities at Mokelumne River. Staging is possible at Brannon Island, Mokelumne, Bethel Island, and Antioch.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:



Imagery: NAIP 2016, 60 cm resolution

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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