

County: **Alameda**  
 USGS Quad: **Mountain View**

Thomas Guide Location

AAA Fremont - N

Latitude N

37 29.0

Longitude W

122 02.0

NOAA Chart: **18654 San Francisco Bay Southern Part**

Last Page Update : 7/1/1996

#### SITE DESCRIPTION:

A large linear marsh along the east side of south San Francisco Bay bounded on the northwest by Newark Slough, on the east by Cargill salt pond levees, and on the west by San Francisco Bay. The slough is a channel bordered by mudflats and marshes. The adjacent pickleweed and cordgrass marshes are included in this site (see above). Many primary slough channels are present along its length, conveying water into the interior portions of the marsh. Much of this site is included in the USFWS South San Francisco Bay National Wildlife Refuge.

#### SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority for protection year-round due to extreme vulnerability of saltmarsh and special status species/habitat (see below).

#### RESOURCES OF PRIMARY CONCERN

This is an extensive cordgrass marsh with pickleweed in the higher intertidal marsh.

The endangered California clapper rail (This is one of the most important California Clapper rail nesting areas in the So. Bay), Both the American Peregrine falcon, and California Brown pelican are present.

A CA Species of Special Concern that is present is the Salt Marsh Common Yellowthroat.

Shorebirds, waterfowl, wading birds, waterbirds, raptors are present at the site.

The endangered salt marsh harvest mouse is present as is a CA Species of Special Concern, the Salt Marsh Wandering Shrew, and harbor seals - can reach 350 adults and 100 pups during spring breeding season, and 70 seals during fall/winter. This is also the primary harbor seal rookery in SF Bay.

Fish .

The intertidal mudflats are important to fish and shellfish, primarily clams

Pickleweed and cordgrass marshes.

#### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Ohlone cultural sites are nearby. 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	Joy Albertson	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222
E	Richard Bicknell Supervising Ranger	Baylands Nature Preserve	(650) 617-3156
E	Pat Metelli	Cargill Salt	(510) 790-8610

#### ADDITIONAL SITE SUMMARY COMMENTS:

## 2-344 -A Site Strategy - Mowry Slough

County and Thomas Guide Location  
AAA Fremont - N Alameda

NOAA CHART  
18654 San Francisco Bay Southern Part

2-344 -A  
Latitude N Longitude W  
37 29.0 122 02.0

### CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The concern is to prevent oil from being carried into the marsh via large and small tidal channels and minimize oiling of marsh fronts. Should oil enter the marsh there will be injury and death of marsh vegetation, small mammals, shorebirds and waterfowl, including endangered and threatened species. There is also the concern that response and cleanup activity will result in trampling of marsh, trampling of oil into sediments, and disturbing wildlife. Please exercise appropriate caution.

### HAZARDS and RESTRICTIONS:

Levee roads impassable in winter. Shallow water. Seas to 2 feet.

### SITE STRATEGIES

Strategy 2-344.1 Objective: Deflect oil from marshes to be recovered on-water by skimmers. Prevent oil from entering the slough.

- Offshore mechanical collection with on-water recovery task force.
- Use 18" curtain boom or double layers of smaller boom to deflect oil from marshes into skimmer in Mowry Slough channel near mouth.
- "Plug" small slough channels along marshfront w/ fence boom or 4x4 swamp boom and sorbent booms.
- Line marsh front with bushy boom (oil snare) and/or sorbent booms.
- If possible use curtain boom at mudflat shelf break to deflect oil away from slough channel.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvce and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-344.1	1000	10000			50	50-25#w/10'chain each	4	3	SPS		hovercraft	18	

### LOGISTICS

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

Access area through Cargill Plant (from north) and Durham Landfill (from south). A large linear marsh along the east side of south San Francisco Bay bounded on the northwest by Newark Slough, on the east by Cargill salt pond levees, and on the west by San Francisco Bay.

**LAND ACCESS:** 2WD, LG truck, 4WD ATV dry season, hovercraft in wet season.

**WATER LOGISTICS:** Shallow draft vessels <6'

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel launch ramp and services at Redwood City. Small vessels may launch in Newark Slough near National Wildlife Refuge HQ at high tide.

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

Large staging area available at Redwood City Harbor. Small staging area and field post possible at National Wildlife Refuge HQ. Command Post available at Alameda County OES.

### COMMUNICATIONS PROBLEMS:

### ADDITIONAL OPERATIONAL COMMENTS:

