

## 2-424 -B Site Summary- Paradise Cay Eelgrass Beds

2-424 -B

County: **Marin**  
USGS Quad: **San Quentin**

Thomas Guide Location

AAA - Mill Vall

Latitude N

3 7 54

Longitude W

122 27

NOAA Chart: **Entrance to San Francisco Bay 18649**

Last Page Update : 7/1/2005

### SITE DESCRIPTION:

Paradise Cay Eelgrass Beds lies on the north west side of the Tiburon Peninsula. It is bounded on the north by Paradise Cay Marina and on the south by Paradise Cove. The shoreline is protected behind Tiburon Peninsula and prograding, and so, has fine grain sand beach and mudflats extending out from shore. There is occasional patchy emergent vegetation along the shore. Eelgrass beds are scattered throughout the site in shallow water beginning at Paradise Cay and near the shoreline for over a mile; eelgrass is subtidal but fronds are commonly on the surface at low tides.

### SEASONAL and SPECIAL RESOURCE CONCERN

This is a A priority site when eelgrass tops are exposed.

### RESOURCES OF PRIMARY CONCERN

Eelgrass beds are most vulnerable during summer months and are most exposed to oil when eelgrass leaves are at the surface and will become oiled.

Brown pelicans forage & roost here when in the Bay.

Herring spawn here in the winter time (Nov-Feb) and viable eggs (Feb-Apr). Multiple fish species use eelgrass beds as nursery, cover, and forage habitat.

Eelgrass is dominant subtidal plant.

### 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          |
|------|--------------|-----------------------------|----------------|
| BT   | Liam Davis   | CA Dept. of Fish & Wildlife | (707) 644-2812 |
| E    | Office       | Paradise Cay Yacht Harbor   | (415) 435-4292 |

### ADDITIONAL SITE SUMMARY COMMENTS:

## 2-424 -B Site Strategy - Paradise Cay Eelgrass Beds

County and Thomas Guide Location

AAA - Mill Vall Marin

NOAA CHART

Entrance to San Francisco Bay 18649

## 2-424 -B

Latitude N

Longitude W

3 7 54

122 27

Last Page Update : 1/21/2014

### CONCERNS and ADVICE to RESPONDERS:

Eelgrass has high ecological value and is used by lots of birds and fish. Eelgrass leaves are rough, and unlike most water plants, oil will readily attach. Booming eelgrass will also protect the sandy shoreline.

### HAZARDS and RESTRICTIONS:

Shallow throughout. Some obstructions near shore where old docs are in evidence.

### SITE STRATEGIES

Because this is a low energy area, light boom and few anchors will be necessary to protect the areas. If winds are southerly, heavier or redundant gear will be necessary.

#### Strategy 2-424.1 Objective: Primary: Assess vulnerability of eelgrass to oil

Assign a scientist to assess eelgrass exposure to oil at prevailing tides. Best vehicle is aircraft or skiff.

#### Strategy 2-424.2 Objective: Exclusion around eelgrass nearshore area immediately south of Paradise Cay

Use 5,100 ft of boom (6X6+ under calm conditions and 9X9+ Hboom when there is chop at this protected location) from the southeast corner (jetty) of Paradise Cay Marina to El Campo to exclude oil from eelgrass and shoreline.

#### Strategy 2-424.3 Objective: Exclude oil from entering Paradise Cay Marina

Deploy 250' swamp boom in chevron configuration at each of two entrances.

### 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 |
|-----------------|-------------|------------|-----------------|-----------|----------------------------|-----------|--------------|------------------|---|--------------|------------|
| 2-424.1         | 0           | 0          | 0               | 0         | 0                          | 0         | 0            | 0                | 1 aircraft or skiff                       | 2            |            |
| 2-424.2         |             | 5100       |                 | 0         | 8 22#+ danforths           | 1         | 1            | 0                |   | 4            |            |
| 2-424.3         | 0           | 500        | 0               | 0         | 6 13#+ anchors             | 0         | 1            | 0                | 0   | 2            |            |

### LOGISTICS

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

1. From the south - US 101 NB to the Tiburon Blvd exit toward E. Blithedale. Turn right onto Tiburon Blvd. Turn left onto Trestle Glen Blvd. Turn left onto Paradise Dr. Turn right onto Antilles Way. Turn right onto Martinique and turn right onto Trinidad Dr and follow down to the end.
2. From the north - US 101 SB to the Tamalpais Dr exit toward Paradise Dr. Turn left onto Tamalpais Dr. Turn right onto San Clemente Dr. San Clemente Dr becomes Paradise Dr. Turn left onto Antilles Way. Turn Left onto Martinique Ave. Turn right onto Trinidad Dr and follow down to the end. Paradise Cay Eelgrass Beds lies on the north west side of the Tiburon Peninsula. It is bounded on the north by Paradise Cay Marina and on the south by Paradise Cove.

**LAND ACCESS:** Good land access at Paradise Cay Marina

**WATER LOGISTICS:** Shallow water

Limitations: depth, obstruction

Launching, Loading, Docking Services at Sausalito and Richmond  
and Services Available:

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

Stage at Paradise Cay. Boom may be pulled from van onto water. Alternative is Paradise Cove County Park.

**COMMUNICATIONS PROBLEMS:** none known

#### **ADDITIONAL OPERATIONAL COMMENTS:**

