

## Habitat Evaluation

**Project Number:** 2021-14 Cleary

**Project Description:** Construct 5x54 ft pier, 16x24 ft deck, 2-4x24 ft gangways, 21x30 ft boatlift with guest dock, 12x30 ft swim platform. Project includes removing 7 wooden pilings and driving 18 metal pilings.

**Construction Timeframe:** Construction will occur within October 15 to December 31 work window.

### Survey Information:

Date of Survey: 05/06/2021  
Start/End Time: 10:00 to 10:45  
Surveyor(s): SW; WF; LH  
Date of Vertical Profile: 05/06/2021  
Lake Level: 0.8 R

### Vertical Profile Measurements

Station	X Dist*	Depth (Field)	Depth (R)	Notes
0+00	0	--	11.5	top of seawall
0+04	4	0	2.4	base of seawall
0+14	14	1.6	0.8	waterline
0+29	29	-1.6	-0.8	
0+58	58	-4.8	-4.0	
1+00	100	-8.3	-7.5	
1+20	120	-9.6	-8.8	lakeward extent of project

\* Measurements are from Reference Point shown on map.

### Narrative

Project begins from an existing seawall. Depth of readings in project area ranged from approx. 2.4 Rumsey at the base of the seawall to approx. -8.8 ft Rumsey at the lakeward extent of the project. Lakebed has a slight to moderate lakeward slope. Tules were not present within or adjacent to the project area.

### Stream Proximity

Stream Name	Dist. to Stream
Adobe Creek	8.3
Burns Valley	4.8
Cache Creek	5.9
Cole Creek	4.9
Forbes Creek	10.3
Kelsey Creek	5.0
Lyons Creek	12.1
McGaugh Slough	7.5
Molesworth Creek	6.2
Morrison Creek	8.7
Rodman Slough	12.3
Rumsey Slough	8.8
Schindler Creek	4.6

# Supplemental Environmental Report

Permit Number **2021-14**

## Project Components

a. Please check which of the following best describes the proposed project. All aspects of the proposed project should be indicated.

Project Component	Check for YES
Seawall or Bank Stabilization	<input type="checkbox"/>
Pier, Dock, or Floating Structure	<input checked="" type="checkbox"/>
Mooring Buoy	<input type="checkbox"/>
Cable or pipeline	<input type="checkbox"/>
Boat Ramp	<input type="checkbox"/>
Dredging	<input type="checkbox"/>

## General Information

a. Will construction activities be conducted between October 15 and December 31? If no, please provide an approximate timeframe for the construction.

YES, NO, N/A

## Environment/Land Characteristics

a. Please check all of the following that describe the project area and the surrounding area.

### Terrestrial Features

Description	Present
Seawall or Rip-Rap	<input type="text" value="YES"/>
Cliffs	<input type="text" value="NO"/>
Maintained Lawn	<input type="text" value="NO"/>
Grassland or Pasture	<input type="text" value="NO"/>
Bushes or Shrubs	<input type="text" value="YES"/>
Large Trees (DBH <12")	<input type="text" value="YES"/>

Enter all notes here. Specify feature.

### Aquatic Features

Description	Present
Marsh or Wetland	<input type="text" value="NO"/>
Beach Sand	<input type="text" value="NO"/>
Mud Flat	<input type="text" value="NO"/>
Gravel or Rock Bottom	<input type="text" value="YES"/>
Tules, Reeds, or Rushes	<input type="text" value="NO"/>
Submerged or Floating Veg.	<input type="text" value="NO"/>
Large Rocks	<input type="text" value="NO"/>

Enter all WR Comments here. Specify feature.

**Potential for impacts within the project area evaluated for the following:**

### Vegetation

a. Will terrestrial vegetation be removed within the project area? If yes, describe the type of vegetation (i.e., species if possible) and the approximate amount of vegetation to be removed. Do not include blackberries, ornamental plants, or maintained lawns.

YES, NO

WR Comments

- b. Is habitat present? If yes, describe the habitat and measures to protect resource. Habitat may include aquatic vegetation such as tules or terrestrial vegetation such as trees used for nesting.

YES, NO

WR Comments

**Wildlife**

- a. Are raptors or nesting birds present or typically present within or adjacent to the project area?

YES, NO

WR Comments

- b. Will the project result in a barrier to the migration or movement of animals? If yes, describe the nature of the barrier.

YES, NO

WR Comments

**Land**

- a. Will the project require dredging, grading, removal of material, or filling of land in or adjacent to Clear Lake? If yes, explain. Include the approximate quantity of material to be removed and a description of where spoils will be placed.

YES, NO

WR Comments

- b. Will the project result in unstable soil conditions during or after completion of the project?

YES, NO

WR Comments

- c. If project components include seawall or bank stabilization, will the project change the topography or ground surface that is inconsistent with the natural surrounding conditions?

YES, NO, N/A

WR Comments

- d. If project components include pier, dock, or floating structure, will the project connect to the shore? If yes, describe the connection (for example, seawall, concrete landing, natural ground)?

YES, NO, N/A

WR Comments

The proposed project will connect to an existing seawall.

**Water Quality**

- a. Will the project result in alteration of water quality, including but not limited to temperature or turbidity? If yes, describe the alteration to the water quality.

YES, NO  WR Comments

<input type="text"/>	<input type="text"/>
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- b. Will the project result in discharge into surface waters? If yes, describe the type of discharge and quantity of discharge

YES, NO, N/A  WR Comments

<input type="text"/>	<input type="text"/>
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- c. Does the project include facilities for the storage and/or dispensing of gasoline, oil, paint/stain/varnish, or other such materials? If yes, describe the facility and the type of material(s).

YES, NO  WR Comments

<input type="text"/>	<input type="text"/>
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- d. If project components include seawall or bank stabilization, will the project result in substantial alteration to storm water drainage? If yes, describe alteration to the storm water drainage.

YES, NO, N/A  WR Comments

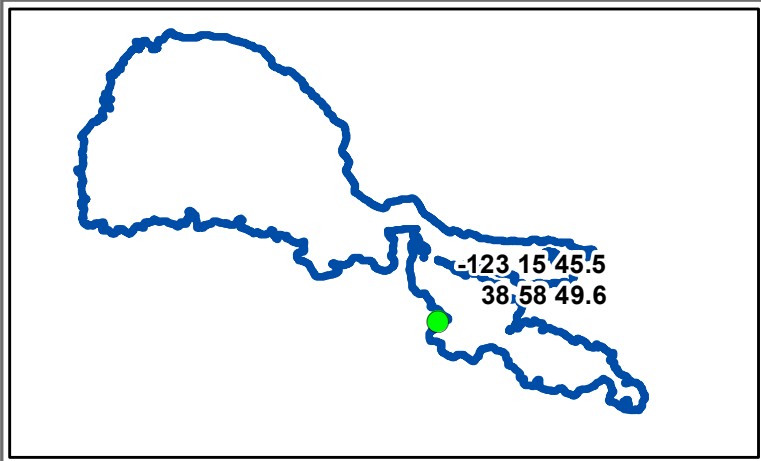
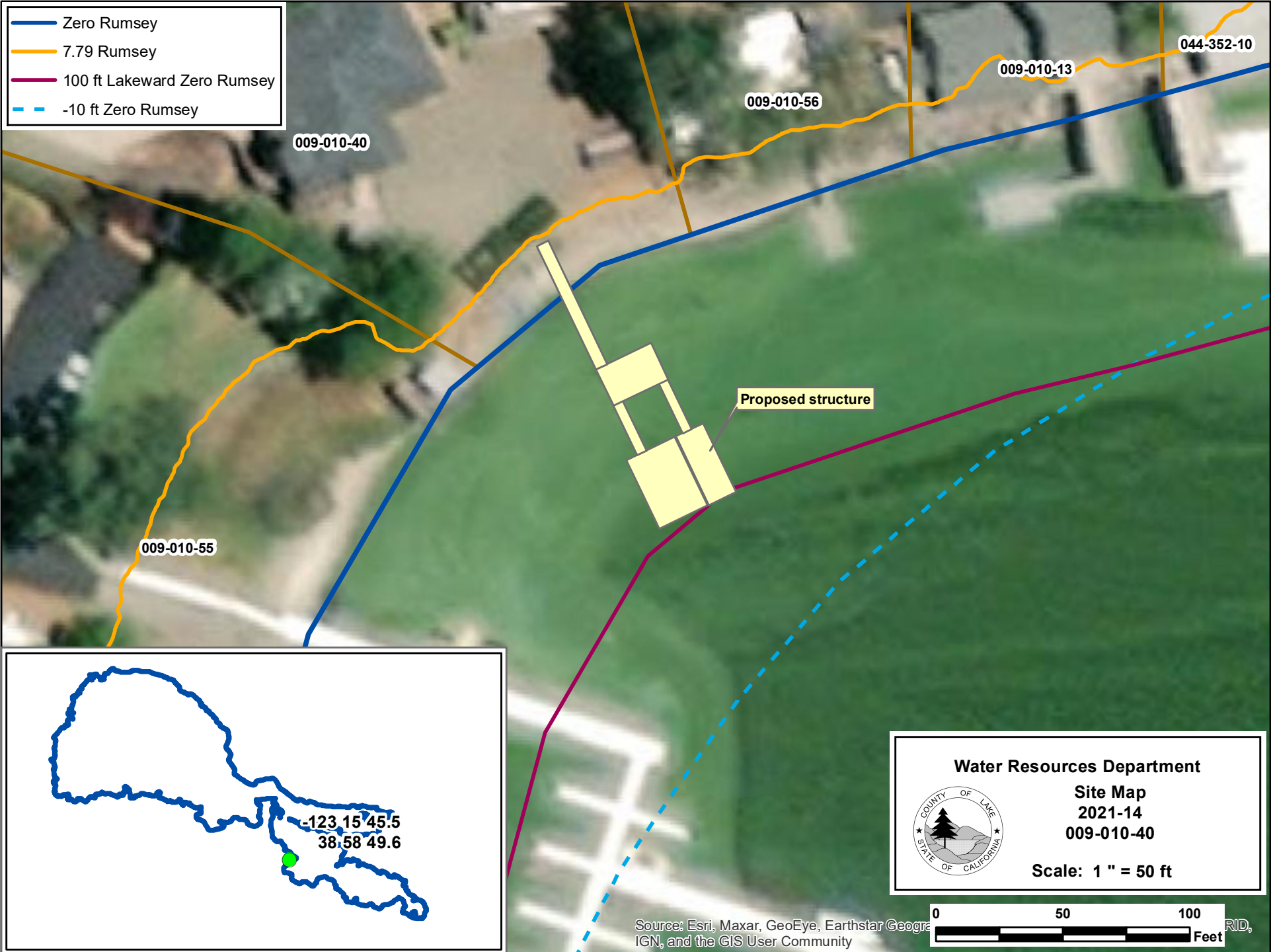
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- e. If project components include a pier, dock, or floating structure, will the foundation of the project be 90 percent open to the free circulation of water?


YES, NO, N/A  WR Comments

<input type="text"/>	<input type="text"/>
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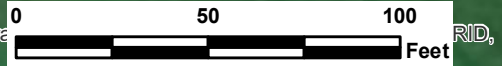
- Zero Rumsey
- 7.79 Rumsey
- 100 ft Lakeward Zero Rumsey
- - - -10 ft Zero Rumsey



**Water Resources Department**  
**Site Map**  
**2021-14**  
**009-010-40**



**Scale: 1" = 50 ft**




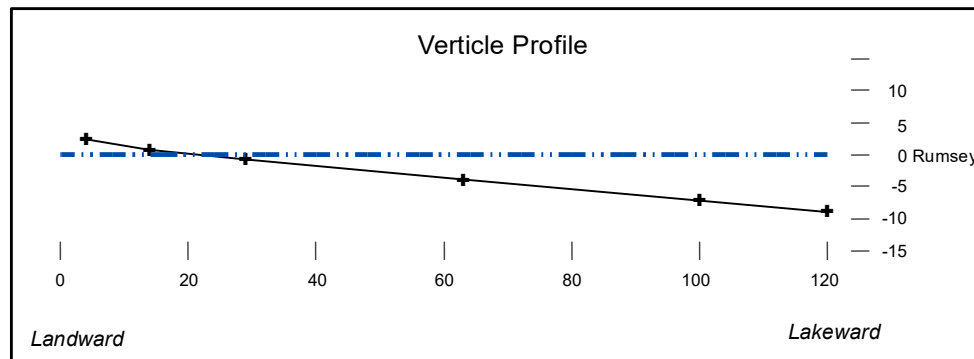
Source: Esri, Maxar, GeoEye, Earthstar Geogra  
 IGN, and the GIS User Community



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**Natural Features**

-  Trees
-  Tules



**Habitat Evaluation Map**  
**2021-14**  
**009-010-40**  
**Scale: 1" = 25 ft**



**Water Resources Department**



