Habitat Evaluation

Project Number: 2024-04 Lakeport Boat Rentals

Project Description: Structure 1 -- Customer Dock: Construct 6x30 ft concrete landing, 10x20 ft pier, 4x40 ft gangway, 8x25 ft suspended pier, 6x20 ft gangway, 2-7x25 ft floating docks, 4-7x25 ft adjacent floating docks with enclosed shed, and 3-8x33 ft floating docks. Structure 1 includes driving 4 pilings and placing 13-300 lbs anchors. Structure 2-- Fuel Dock: Construct concrete parking pad, 6x40 ft gangway, 8x25 ft suspended pier, 6x20 ft gangway, and 2-8x33 ft floating fueling docks. Structure 2 includes driving 4 pilings and placing 4-300 lbs anchors.

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

Survey Information:

Date of Survey:	05/21/2024
Start/End Time:	09:00 to 11:00
Surveyor(s):	SW, TW
Date of Vertical Profile:	05/21/2024
Lake Level:	7.2 R

Vertical Profile Measurements

Station	*X Dist**	*Depth (Field)*	*Depth (R)*	*Notes*
0+00	0	0.6	7.8	
0+20	20	-0.3	6.9	
0+40	40	-1.8	5.4	
0+60	60	-3.2	4.0	
0+80	80	-5.2	2.0	
1+00	100	-7.1	0.1	
1+20	120	-7.3	-0.1	
1+40	140	-8.5	-1.3	
1+60	160	-8.8	-1.6	
1+80	180	-9.6	-2.4	
2+00	200	-9.9	-2.7	
2+32	232	--	-3.5	Projected depth at lakeward extent of proposed structure.

** Measurements are from Reference Point shown on map.*

Narrative

Project area is an undeveloped property adjacent to Lakeshore Blvd, Lakeport. Depth of lakebed at base of proposed seawall is approx 8.0 ft Rumsey, and at 200 ft lakeward, lakebed depth is approx -2.7 ft Rumsey. Lakebed has a slight lakeward slope. Tules and willow trees are present within and adjacent to the project area.

Stream Proximity

Stream Name	*Dist. to Stream*
Adobe Creek	2.9
Burns Valley	15.6
Cache Creek	16.9
Cole Creek	6.0
Forbes Creek	1.3
Kelsey Creek	5.9
Lyons Creek	3.3
McGaugh Slough	3.5

Stream Name	*Dist. to Stream*
Molesworth Creek	17.1
Morrison Creek	6.4
Rodman Slough	4.1
Rumsey Slough	2.8
Schindler Creek	13.7

Supplemental Environmental Report

Permit Number 2024-04

Project Components

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

Project Component	Check for YES		
Seawall or Bank Stabilization	☑		
Pier, Dock, or Floating Structure	☑	Native Aquatic Vegetation Mgmt	☐
Mooring Buoy	☑		
Cable or pipeline	☐		
Boat Ramp	☐		
Dredging	☐		

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 YES

Environment/Land Characteristics

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

Terrestrial Features

Description	Present	Enter all notes here. Specify feature.
Seawall or Rip-Rap	NO	
Cliffs	NO	
Maintained Lawn	NO	
Grassland or Pasture	NO	
Bushes or Shrubs	YES	
Large Trees (DBH <12”)	YES	

Aquatic Features

Description	Present	Enter all WR Comments here. Specify feature.
Marsh or Wetland	YES	
Beach Sand	YES	
Mud Flat	YES	
Gravel or Rock Bottom	YES	
Tules, Reeds, or Rushes	YES	
Submerged or Floating Veg.	YES	
Large Rocks	NO	

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 NO

WR Comments

Willow trees will be trimmed but not removed.

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 YES

WR Comments

Wildlife

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

YES, NO NO

No nesting birds have been observed.

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 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 YES

Grading and filling will occur adjacent to proposed structures but will be landward of 7.8 ft R.

WR Comments

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

YES, NO 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 NO

Retaning wall will be constructed at 8.0 R and will follow the general contour of the shoreline.

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 YES

Both dock structures will connect to proposed concrete landings.

WR Comments

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 NO

WR Comments

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 NO

WR Comments

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 YES

WR Comments

A fueling trailer will be parked on proposed concrete pad. Trailer will be removed during winter months. A SPCC plan will be implemented.

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.

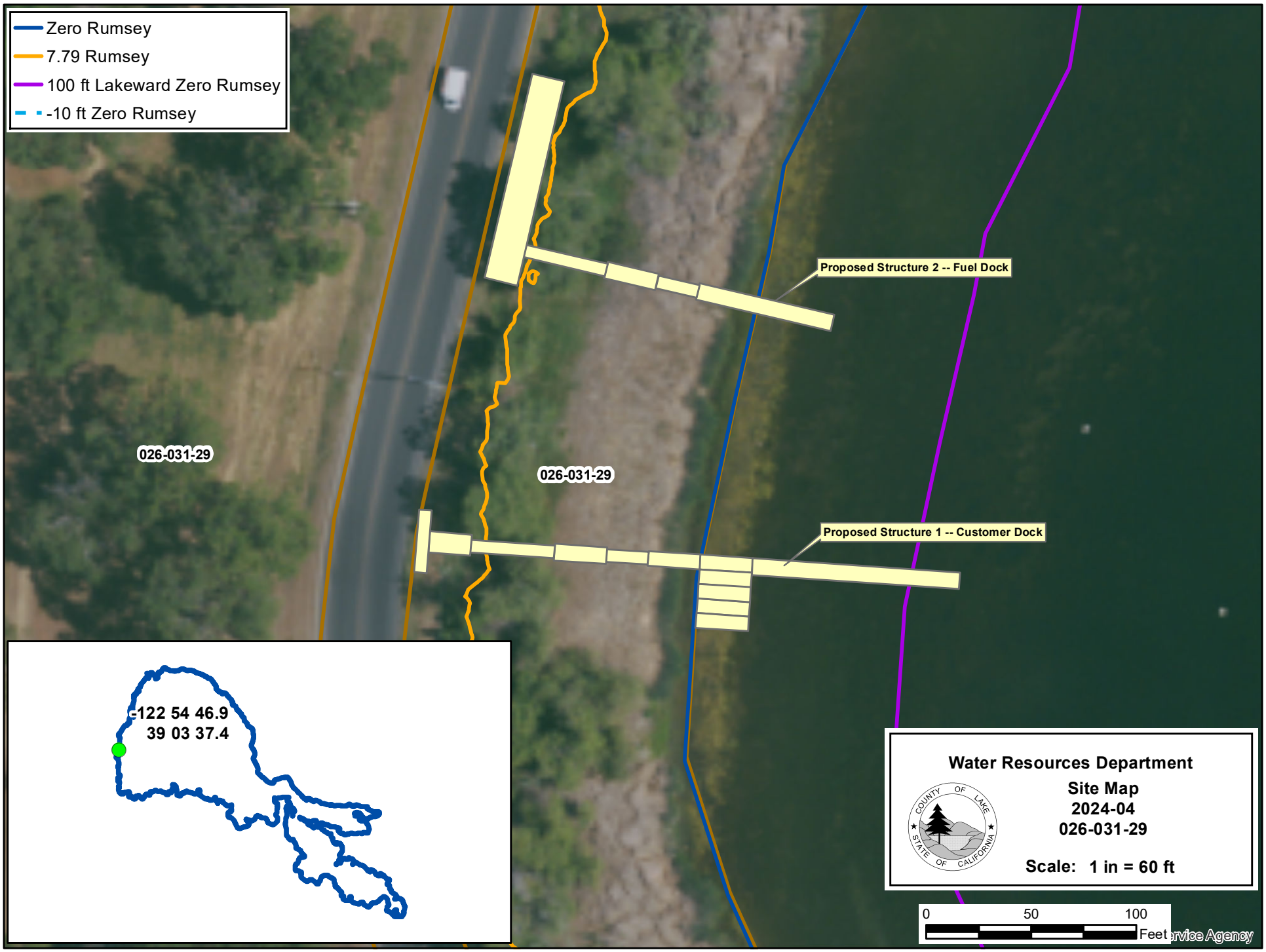
YES, NO, N/A NO

WR Comments

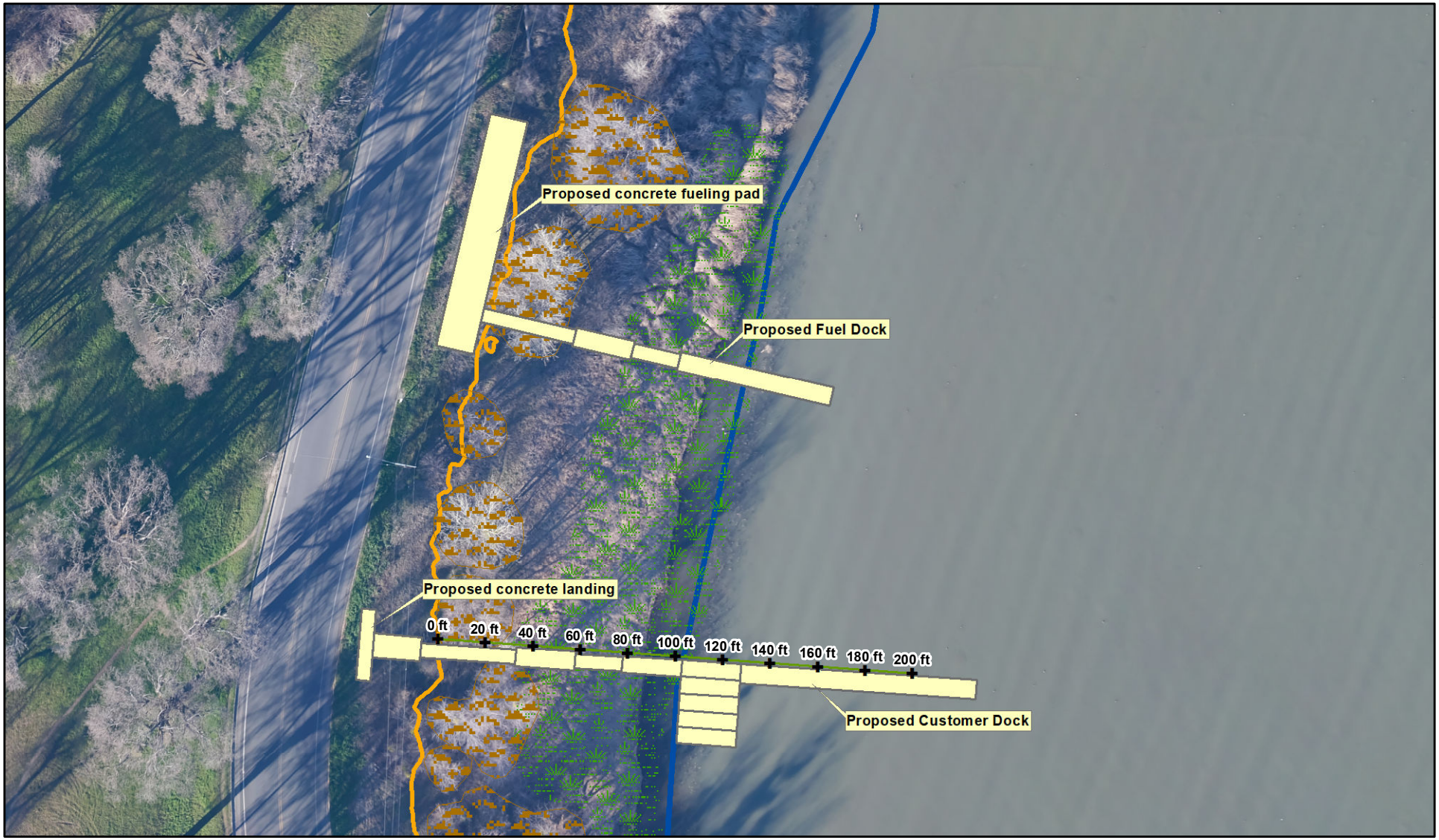
e. If project components include a pier, dock, or floating structure, will the foundation of the project be 90 percent open to the free circulation of water?

YES, NO, N/A YES

WR Comments



Created on 05/14/2024



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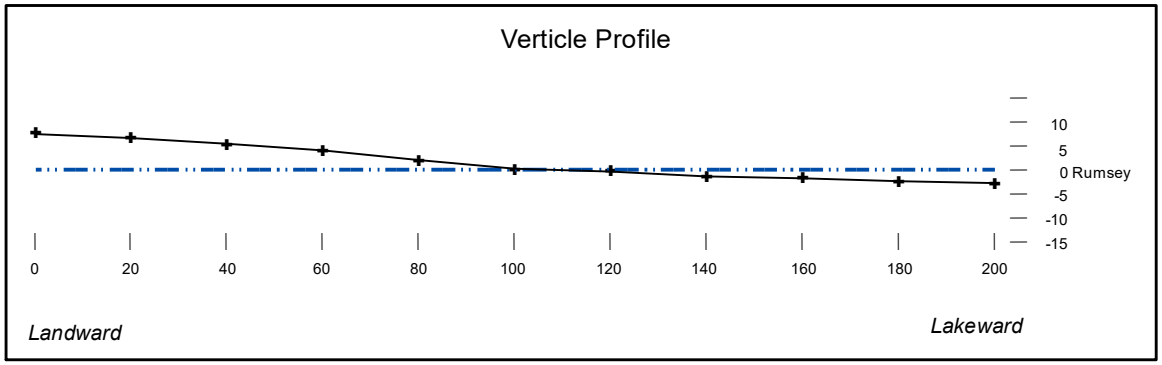
Natural Features

Trees

Tules



Habitat Evaluation Map
2024-04
028-031-26

Scale: 1 " = 60 ft

Water Resources Department