

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