

Memorandum for Record**October 31, 2024**

Subject: Tier 1 Antidegradation Evaluation for Mason's Resort Marina Maintenance Dredging in Sekiu, Washington (NWS-2024-653)

Introduction

This memorandum documents the Tier 1 antidegradation evaluation conducted by the Dredged Material Management Program (DMMP) agencies (U.S. Army Corps of Engineers, Washington Departments of Ecology and Natural Resources, and the U.S. Environmental Protection Agency).

Project Description

This project is located on the north side of Clallam Bay in Sekiu, Washington (Figure 1). The purpose of the project is to remove accumulated sediment in the northwest corner of the marina to restore vessel access and moorage. Up to 7,000 CY will be excavated by backhoe from the upland shoreline during low tide and temporarily stockpiled in the parking lot until it can be loaded into dump trucks and hauled to an approved upland location, which is a parking lot/equipment area owned by the applicant. Figures 2, 3, and 4 provide the dredging plans.

Equipment will be kept out of the water by dredging during low tide using a backhoe with 100-foot reach. By using multiple backhoes (2-4), material can be dredged from the lower elevations at low tide by one machine and transferred by other machines above the OHWM into waiting trucks for hauling to an upland disposal location. By using multiple machines, the contractor can ensure no material (i.e., fill) will be left in the intertidal zone when the tide comes back in. A backhoe would follow the tide out, excavating in front and placing excavated material behind, at the toe of the bank. A backhoe in the adjacent parking lot would reach down from above the OHWM to scoop the excavated material and deposit it into a nearby dump truck. Alternatively, one backhoe above the OHWM might scoop and relocate the dredged material into a pile above the OHWM where a third backhoe would transfer it into the waiting dump truck. When the tide begins to come in, all backhoes would switch their focus from excavating to moving all dredged material above the OHWM.

Tier 1 Evaluation

In 2022, the Dredged Material Management Office (DMMO) reviewed available data to assess antidegradation for dredging on the east side of the marina, against the jetty. This information was summarized in a Tier 1 Memorandum (DMMP, 2022). The data indicated that there were no known sources of contamination and testing was not required. The online databases were searched again, but no additional information is available.

Antidegradation Determination.

Based on the Tier 1 evaluation, the potential for onsite contamination to be present is low. The onsite materials consist primarily of sand. Therefore, due to the nature of the material, the location of the project removed from most sources, the direction of littoral drift that deposited these sediments, and because dredged material will go to an upland location, the DMMP agencies have determined that no chemical testing of the material is required for this project. The sediment exposed by dredging will likely meet the State of Washington antidegradation standard.

This antidegradation determination does **not** constitute final agency approval of the project. During the public comment period that follows a public notice, resource agencies will provide input on the overall

project. A final decision will be made after full consideration of agency input, and after an alternatives analysis is done under section 404(b)(1) of the Clean Water Act.

References

DMMP, 2022. Tier 1 Antidegradation Evaluation for Mason's Resort Marina Maintenance Dredging in Seiku, Washington (NWS-2022-710). Dredged Material Management Program, November 14, 2022.

Ecology's EIM Database Search: <https://apps.ecology.wa.gov/eim/search/default.aspx>

Ecology's What's in My Neighborhood Search: <https://apps.ecology.wa.gov/neighborhood/>

Ecology's Spill Incidents Database: <https://ecology.wa.gov/Spills-Cleanup/Spills/Spill-preparedness-response/Responding-to-spill-incidents/Spill-incidents>

Washington State's JARPA Form for #NWS-2024-653 provided to USACE Regulatory Department.

Agency Signatures

The signed copy is on file in the Dredged Material Management Office, Seattle District, U.S. Army Corps of Engineers.

Date Joy Dunay – U.S. Army Corps of Engineers, Seattle District

Date Whitney Conard, PhD – U.S. Environmental Protection Agency, Region 10

Date Laura Inouye, PhD. – Washington State Department of Ecology

Date Shannon Soto – Washington State Department of Natural Resources

Copies Furnished:

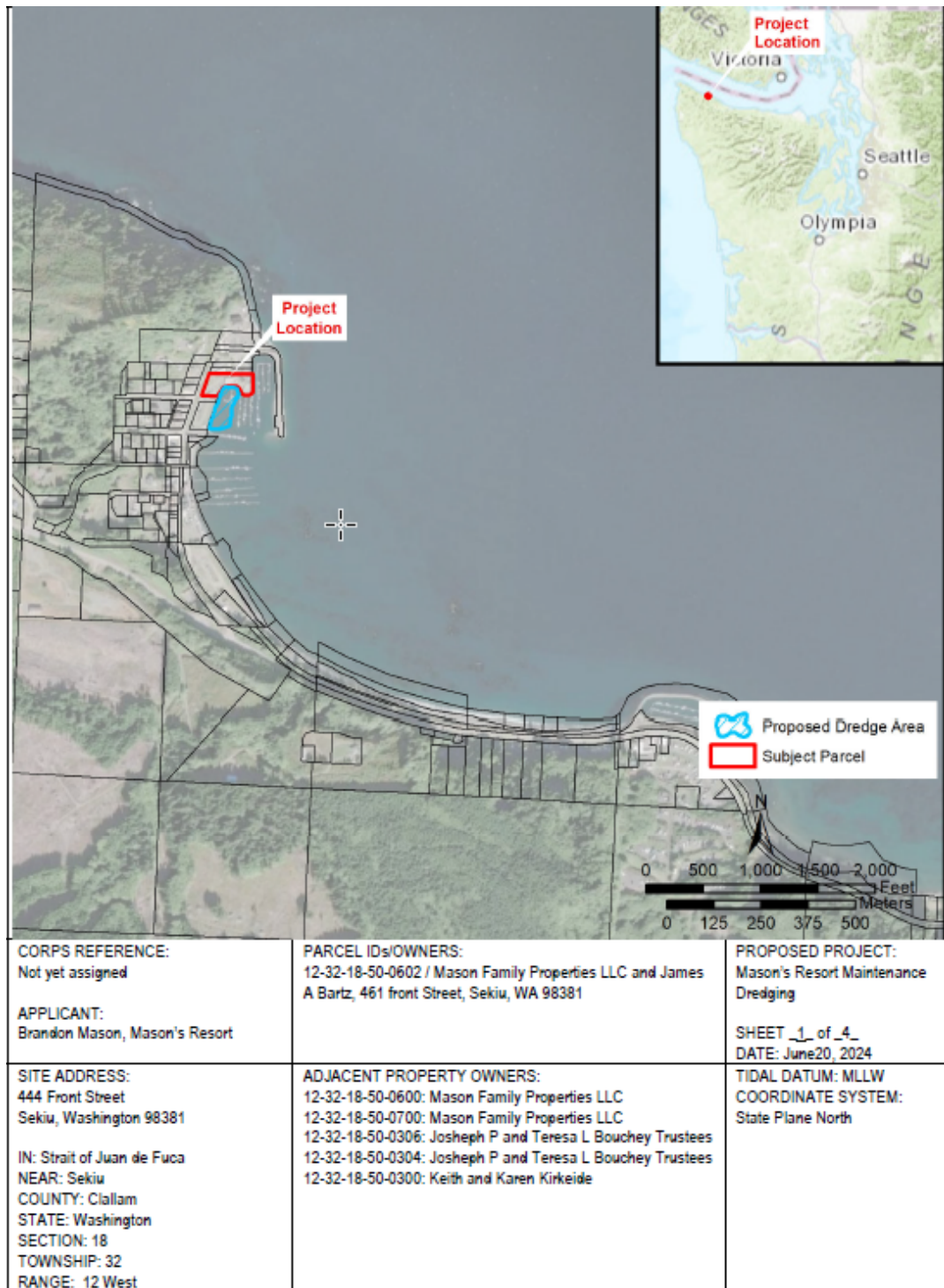
DMMP agencies

Lee Wolf, USACE Regulatory Project Manager

DMMO File

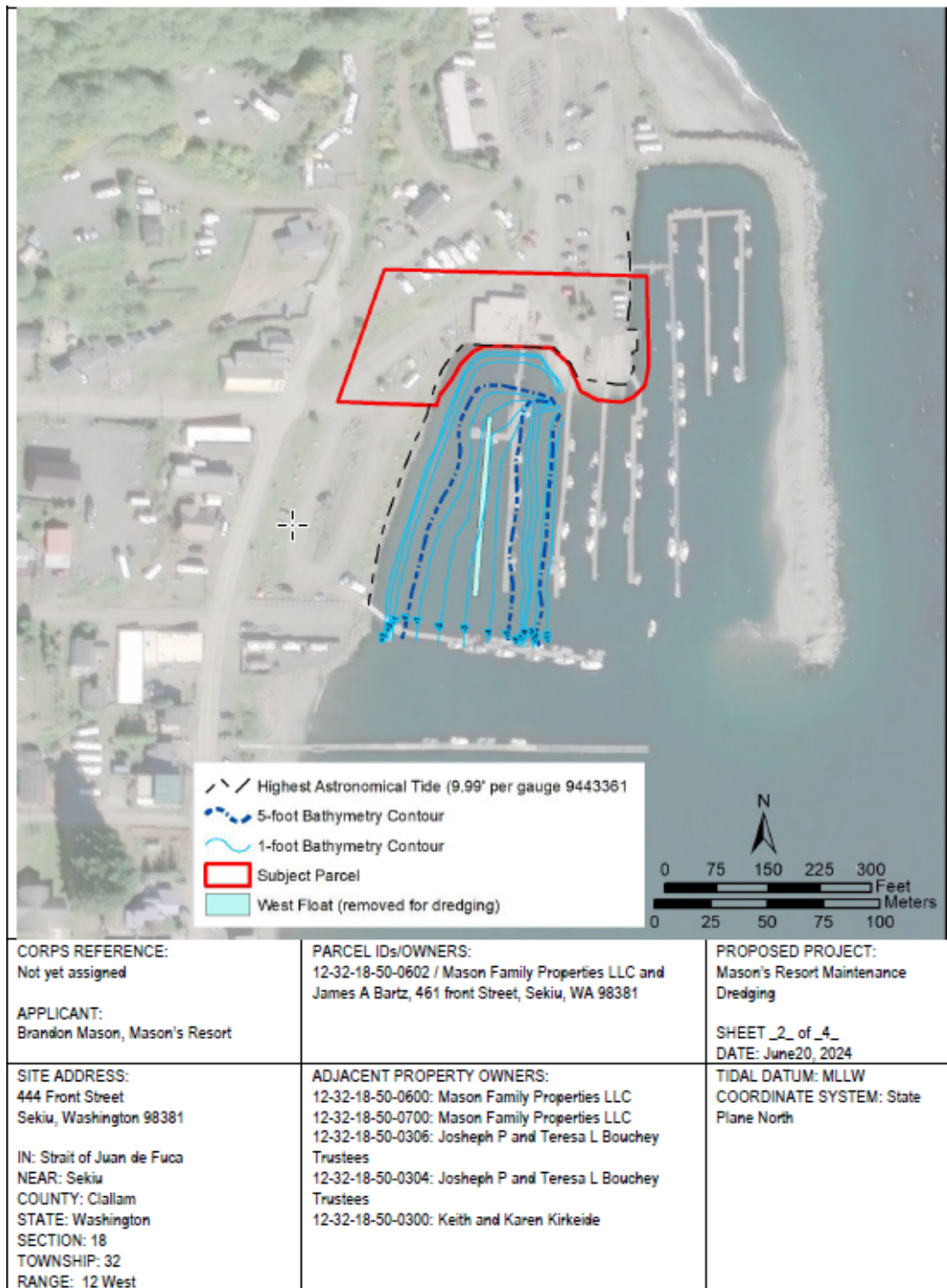
Figures

Figure 1: Project Location



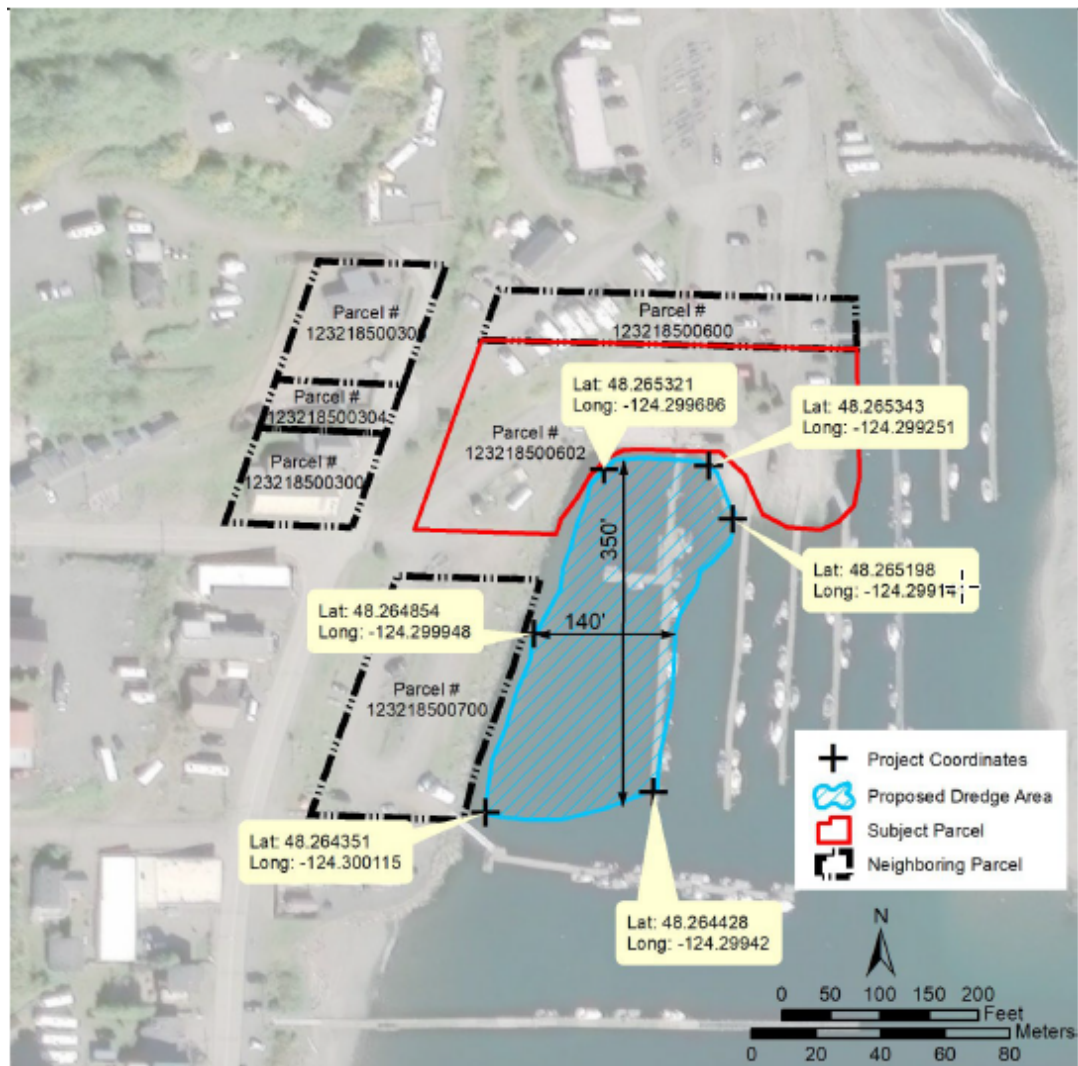
Sheet 1. Mason's Resort Maintenance Dredging - Site Vicinity

Figure 2: Existing Conditions



Sheet 2. Mason's Resort Maintenance Dredging – Existing Conditions.

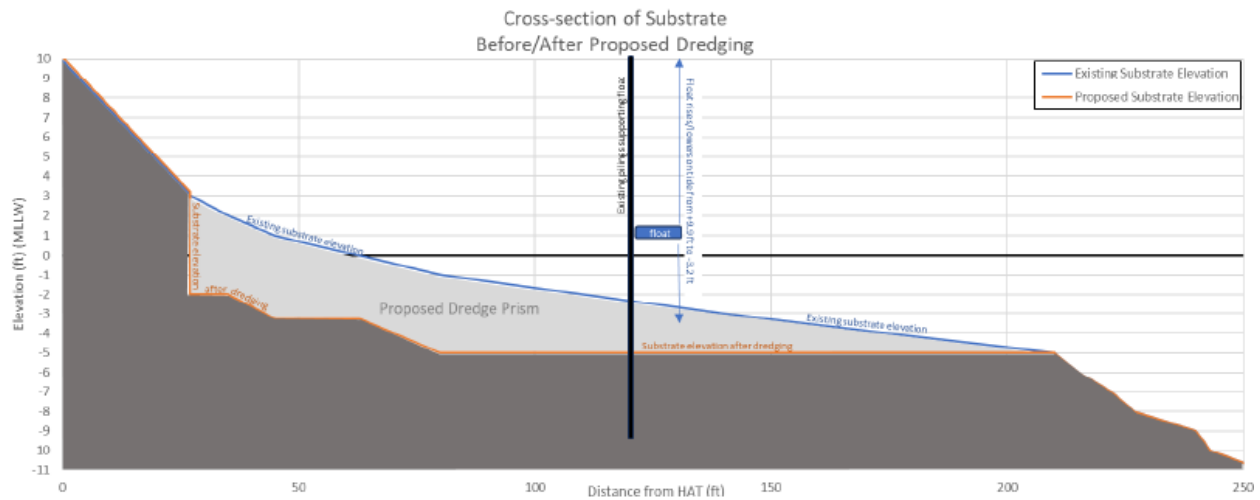
Figure 3: Dredge Area



<p>CORPS REFERENCE: Not yet assigned</p> <p>APPLICANT: Brandon Mason, Mason's Resort</p>	<p>PARCEL IDs/OWNERS: 12-32-18-50-0602 / Mason Family Properties LLC and James A Bartz, 461 front Street, Sekiu, WA 98381</p>	<p>PROPOSED PROJECT: Mason's Resort Maintenance Dredging</p> <p>SHEET <u>3</u> of <u>4</u> DATE: June 20, 2024</p>
<p>SITE ADDRESS: 444 Front Street Sekiu, Washington 98381</p> <p>IN: Strait of Juan de Fuca NEAR: Sekiu COUNTY: Clallam STATE: Washington SECTION: 18 TOWNSHIP: 32 RANGE: 12 West</p>	<p>ADJACENT PROPERTY OWNERS: 12-32-18-50-0600: Mason Family Properties LLC 12-32-18-50-0700: Mason Family Properties LLC 12-32-18-50-0306: Joseph P and Teresa L Bouchee Trustees 12-32-18-50-0304: Joseph P and Teresa L Bouchee Trustees 12-32-18-50-0300: Keith and Karen Kirkeide</p>	<p>TIDAL DATUM: MLLW COORDINATE SYSTEM: State Plane North</p>

Sheet 3. Mason's Resort Maintenance Dredging – Dimensions and Coordinates.

Figure 4: Cross Section of Substrate Before and After Dredging



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<p>SITE ADDRESS: 444 Front Street Sekiu, Washington 98381</p> <p>IN: Strait of Juan de Fuca NEAR: Sekiu COUNTY: Clallam STATE: Washington SECTION: 18 TOWNSHIP: 32 RANGE: 12 West</p>	<p>ADJACENT PROPERTY OWNERS: 12-32-18-50-0600: Mason Family Properties LLC 12-32-18-50-0700: Mason Family Properties LLC 12-32-18-50-0306: Joseph P and Teresa L Bouchey Trustees 12-32-18-50-0304: Joseph P and Teresa L Bouchey Trustees 12-32-18-50-0300: Keith and Karen Kirkeide</p>	<p>TIDAL DATUM: MLLW COORDINATE SYSTEM: State Plane North</p>

Sheet 4. Mason's Resort Maintenance Dredging – Cross Section of Substrate Before/After Dredging.