



**STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY**

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

February 15, 2024

U.S. Army Corps of Engineers  
ATTN: Caren Crandell  
4735 East Marginal Way South, Building 1202  
Seattle, WA 98134

Re: Amendment to 401 Water Quality Certification Order No. 21207, Neah Bay Navigation Channel Improvement and Beach Nourishment, Neah Bay, Clallam County, Washington

Dear Caren Crandell:

Enclosed is an amendment to Water Quality Certification Order No. 21207 issued on June 16, 2022, for the above project. We have also included a strikeout version of the Water Quality Certification that reflects the changes made. All other conditions of Water Quality Certification No. 21207 remain in effect.

The purpose of this amendment is to grant a one-time two-week extension to the in-water work window, listed in condition C.2 of the 401 Certification. The extended window will allow the contractor to complete the dredging and beach nourishment work.

If you have any questions, please contact Penny Kelley at 360-280-8856. The enclosed Amendment may be appealed by following the procedures described in the Amendment.

Sincerely,

Brenden McFarland, Section Manager  
Environmental Review & Transportation Section  
Shorelands and Environmental Assistance Program

Enclosure (2)

By certified mail: 9489 0090 0027 6383 2203 07

First Amendment to Order No. 21207

Aquatics No. 141280

February 15, 2024

Page 2 of 2

Sent via e-mail: [caren.j.crandell@usace.army.mil](mailto:caren.j.crandell@usace.army.mil)

E-cc: Juliana Houghton, U.S. Army Corps of Engineers

Ryan Erhart, Makah Tribe

Elizabeth Miller, Makah Tribe

Danielle Zitomer, WDFW

Penny Kelley, Ecology

Loree' Randall, Ecology

[ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)

In The Matter of Granting a Water Quality  
Certification (WQC) to U.S. Army Corps of Engineers  
pursuant to 33 U.S.C. 1341 (FWPCA § 401), RCW 90.48.120, RCW  
90.48.260 and Chapter 173-201A WAC

U.S. Army Corps of Engineers  
Attn: Caren Crandell  
4735 East Marginal Way South, Building 1202  
Seattle, WA 98134

<b>WQC Order No.</b>	21207, First Amendment
<b>Site Location</b>	Neah Bay Navigation Channel Improvement and Beach Nourishment project located within Neah Bay, Clallam County, Washington.

On June 16, 2022, the Washington Department of Ecology (Ecology) issued a 401 Water Quality Certification to U.S. Army Corps of Engineers (Corps) for the above-referenced project pursuant to the provisions of 33 U.S.C. 1341 (FWPCA § 401).

Ecology received a request on January 26, 2024, requesting a two-week extension of the in-water work window because there were delays in dredging due to bad weather and equipment breakdowns. The contractor needs an additional two weeks to complete the work.

WQC Order No. 21207 dated June 16, 2022, is hereby amended as follows:

I. Condition number C.2 which reads:

The following in-water work windows apply to the project: all activities within the wetted perimeter of Neah Bay may be conducted between July 15<sup>th</sup> and February 15<sup>th</sup> of any year.

- Justification – This condition is reaffirming the project will take place during a time period that will not harm fish or other aquatic species.
- Citation – Chapter 77.55 RCW, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300 WAC, Chapter 173-201A-330 WAC, Chapter 173-225-010 WAC, and Chapter 220-660 WAC.

Is replaced with:

The following in-water work windows apply to the project: all activities within the wetted perimeter of Neah Bay may be conducted between July 15<sup>th</sup> and February 15<sup>th</sup> of

any year. A one-time extension is granted to allow dredging from July 15<sup>th</sup> through March 2<sup>nd</sup> for the 2023/2024 dredging season.

- Justification – This condition is reaffirming the project will take place during a time period that will not harm fish or other aquatic species.
- Citation – Chapter 77.55 RCW, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300 WAC, Chapter 173-201A-330 WAC, Chapter 173-225-010 WAC, and Chapter 220-660 WAC

No other conditions or requirements of the above referenced Order are affected by this amendment.

Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest.

Failure to comply with this amended Order may result in the issuance of civil penalties or other actions whether administrative or judicial, to enforce the terms of this amended Order.

## **Your right to appeal**

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. “Date of receipt” is defined in RCW 43.21B.001(2).

To appeal, you must do all of the following within 30 days of the date of receipt of this Order:

- File your notice of appeal and a copy of this Order with the PCHB (see filing options below). “Filing” means actual receipt by the PCHB during regular business hours as defined in WAC 371-08-305 and -335. “Notice of appeal” is defined in WAC 371-08-340.
- Serve a copy of your notice of appeal and this Order on the Department of Ecology mail, in person, or by email (see addresses below).

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

## **Filing an appeal**

### **Filing with the PCHB**

For the most current information regarding filing with the PCHB, visit: <https://elaho.wa.gov/> or call: 360-664-9160.

## Service on Ecology

### Street Addresses:

Department of Ecology  
Attn: Appeals Processing Desk  
300 Desmond Drive SE  
Lacey, WA 98503

### Mailing Addresses:

Department of Ecology  
Attn: Appeals Processing Desk  
PO Box 47608  
Olympia, WA 98504-7608

### E-Mail Address:

ecologyappeals@ecy.wa.gov

## Contact Information

Please direct all questions about this Order to:

Penny Kelley  
Department of Ecology  
360-280-8856  
penny.kelley@ecy.wa.gov

## More Information

- **Pollution Control Hearings Board Website**  
<https://eluhwa.gov>
- **Chapter 43.21B RCW - Environmental and Land Use Hearings Office – Pollution Control Hearings Board**  
<http://app.leg.wa.gov/RCW/default.aspx?cite=43.21B>
- **Chapter 371-08 WAC – Practice and Procedure**  
<http://app.leg.wa.gov/WAC/default.aspx?cite=371-08>
- **Chapter 34.05 RCW – Administrative Procedure Act**  
<http://app.leg.wa.gov/RCW/default.aspx?cite=34.05>

- **Chapter 90.48 RCW – Water Pollution Control**  
<http://app.leg.wa.gov/RCW/default.aspx?cite=90.48>
- **Chapter 173.204 WAC – Sediment Management Standards**  
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-204>
- **Chapter 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington**  
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-200>
- **Chapter 173-201A WAC – Water Quality Standards for Surface Waters of the State of Washington**  
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A>

## Signature

Dated this 15th day of February, 2024, at the Department of Ecology, Lacey, Washington.



Brenden McFarland, Section Manager  
Environmental Review & Transportation Section  
Shorelands and Environmental Assistance Program

This document shows the conditions that have been amended since the original Order was issued. Therefore, it is not the official certification and should only be used for informational purposes. Conditions modified in the First Amendment are red.

**IN THE MATTER OF GRANTING A ) WQC ORDER No. 21207, First Amendment**  
**WATER QUALITY CERTIFICATION TO )** Neah Bay Navigation Channel Improvement and  
U.S. Army Corps of Engineers ) Beach Nourishment in Neah Bay, located in  
pursuant to 33 U.S.C. 1341 (FWPCA ) Clallam County, Washington.  
§ 401), RCW 90.48.120, RCW 90.48.260 )  
and Chapter 173-201A WAC )

U.S. Army Corps of Engineers  
Attn: Caren Crandell  
4735 East Marginal Way South, Building 1202  
Seattle, WA 98134

On March 3, 2022, the U.S. Army Corps of Engineers (Corps) submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Neah Bay Navigation Channel Improvement and Beach Nourishment project in Clallam County, Washington. On March 10, 2022, Ecology issued a public notice for the project.

The project proposes to dredge a navigation channel that will be 4,500 feet long and 300 feet wide with a 375 foot diameter-turning basin. Only 2,500 feet of this length will need dredging due to naturally occurring deeper waters at the ends of the proposed channel alignment. In the middle section (~Station6+00 to 31+00), the channel will be dredged to -21 feet MLLW with an additional 2 feet allowed over depth. Approximately 41,000 cubic yards of material will be removed using a hydraulic pipeline dredge. The material will be piped to a designated area along the shoreline on the south side of Neah Bay (48.372052 – 124.596138) measuring approximately 1300 feet by 150 feet. Longitudinal dikes will be used as needed to spread sediment longitudinally along the beach. Equipment will spread the material out further.

The Corps of Engineers requested a Section 401 WQC from the Makah Tribe on March 3, 2022 for placing sediment on the shoreline above +1.6' MLLW.

This Section 401 Certification WQC addresses the dredging work in Neah Bay and sediment placement in the area below +1.6' MLLW.

The project site is located at 81 Resort Road in Neah Bay, Washington 98357 and within Neah Bay in Clallam County, Washington, Section 11 & 12, Township 33N., Range 15W., within Water Resource Inventory Area (WRIA) 19 Lyre-Hoko.

## **AUTHORITIES**

In exercising authority under 33 U.S.C. § 1341, RCW 90.48.120, and RCW 90.48.260, Ecology has reviewed this WQC request pursuant to the following:

1. Conformance with applicable water quality-based, technology-based, and toxic or pretreatment effluent limitations as provided under 33 U.S.C. §§1311, 1312, 1313, 1316, and 1317.
2. Conformance with the state water quality standards contained in Chapter 173-201A WAC and authorized by 33 U.S.C. §1313 and by Chapter 90.48 RCW, and with other applicable state laws; and
3. Conformance with the provision of using all known, available and reasonable methods to prevent and control pollution of state waters as required by RCW 90.48.010.
4. Conformance with Washington’s prohibition on discharges that cause or tend to cause pollution of waters of the state of Washington. RCW 90.48.080.
5. The project proponent of the project authorized is responsible for obtaining all other permits, licenses, and certifications that may be required by federal, state, local or tribal authorities.

With this Water Quality Certification (WQC) Order, Ecology is granting with conditions, the Corps request for a Section 401 Water Quality Certification for the Neah Bay Navigation Channel Improvement and Beach Nourishment project in Neah Bay located in Clallam County. Ecology has determined that the proposed discharges will comply with all applicable state water quality requirements, provided the project is conducted in accordance with the Section 401 Water Quality Certification request that Ecology received on March 3, 2022, the supporting documents referenced in Table 1 below, **and the conditions of this WQC Order.**

**Table 1.** Supporting Documents

<b>Date Received</b>	<b>Document Type</b>	<b>Title &amp; Date</b>	<b>Author</b>
March 3, 2022	Joint Aquatic Resources Permit Application (JARPA) Form	JARPA (dated February 25, 2022)	Corps
March 3, 2022	Drawings	FY 22 Neah Bay Entrance Channel Hydraulic Dredging (dated January 31, 2022)	Corps
January 28, 2022 & March 3, 2022	Suitability Determination	Suitability Determination Memorandum for the Neah Bay Navigation Improvement project Entrance Channel Dredging in Neah Bay (dated January 27, 2022)	Corps



December 22, 2021	National Environmental Policy Act	Final Integrated Feasibility Report and Environmental Assessment (dated September 2020)	Corps
June 3, 2022	Water Quality Monitoring Plan	Water Quality Monitoring Plan Dredging & Material Placement (dated June 3, 2022)	Corps
May 26, 2022	Request for an Extended Area of Mixing	Request for an Extended Area of Mixing (dated May 26, 2022)	Corps

Issuance of this Section 401 Water Quality Certification for this proposal does not authorize Corps to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water quality standards (Chapter 173-200 WAC) or sediment quality standards (Chapter 173-204 WAC). Furthermore, nothing in this Section 401 Water Quality Certification absolves the Corps from liability for contamination and any subsequent cleanup of surface waters, ground waters, or sediments resulting from project construction or operations.

#### Water Quality Certification Conditions

The following conditions will be strictly adhered to by the Corps. Specific condition justifications and citations required by 40 CFR 121.7(d)(1) are provided below each condition in *italic text*.

#### A. General Conditions

1. In this WQC Order, the term "Project Proponent" shall mean the Corps and its agents, assignees, and contractors.
  - *Justification - Ecology needs to identify that conditions of this WQC Order apply to anyone conducting work on behalf of the Project Proponent to ensure compliance with the water quality standards and other applicable state laws.*
  - *Citation - 40 CFR 121.1(j), Chapter 90.48 RCW, Chapter 90.48.080 RCW, Chapter 90.48.120 RCW, Chapter 90.48.260 RCW, Chapter 173-200 WAC, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*
2. All submittals required by this WQC Order shall be sent to Ecology's Headquarters Office, Attn: Federal Permit Manager, via e-mail to [fednotification@ecy.wa.gov](mailto:fednotification@ecy.wa.gov) and cc to [penny.kelley@ecy.wa.gov](mailto:penny.kelley@ecy.wa.gov). The submittals shall be identified with WQC Order No. 21207 and include the Project Proponent's name, Corps permit number, project name, project contact, and the contact phone number.
  - *Justification - Ecology needs to identify where information and submittals are to be submitted to be in compliance with the requirements of this WQC Order.*

- *Citation - 40 CFR 121, Chapter 90.48 RCW, Chapter 90.48.120 RCW, Chapter 90.48.260 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*
3. Work authorized by this WQC Order is limited to the work described in the WQC request package received by Ecology on March 3, 2022 and the supporting documentation identified in Table 1.
    - *Justification - Ecology has the authority to prevent and control pollution of state waters. By authorizing a discharge into a water of the state, through a WQC, Ecology is certifying the project as proposed will not negatively impact our state's water quality. Therefore, it is imperative the project is conducted as it was presented during the review process. Any deviations from information within the WQC Request package and this WQC Order must be disclosed prior to the initiation of the planned work.*
    - *Citation - 40 CFR 121.5, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.120 RCW, Chapter 90.48.260 RCW, Chapter 173-200 WAC, Chapter 173-201A WAC, Chapter 173-204 WAC, and Chapter 173-225-010 WAC.*
  4. The Project Proponent shall keep copies of this WQC Order on the job site and readily available for reference by Ecology personnel, the construction superintendent, construction managers and lead workers, and state and local government inspectors.
    - *Justification - All parties (including on-site contractors) must be aware of and comply with the WQC Order for the protection of water quality.*
    - *Citation - 40 CFR 121.3, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*
  5. The Project Proponent shall provide access to the project site upon request by Ecology personnel for site inspections, monitoring, and/or necessary data collection, to ensure that conditions of this WQC Order are being met.
    - *Justification - Ecology must be able to investigate and inspect construction sites and facilities for compliance with all state rules and laws.*
    - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.090 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*
  6. The Project Proponent shall ensure that all project engineers and contractors at the project site with authority to direct work have read and understand relevant conditions of this WQC Order and all permits, approvals, and documents referenced in this WQC Order. The Project Proponent shall provide Ecology a signed statement (see Attachment A for an example) before construction begins.

- *Justification - Ecology needs to ensure that anyone conducting work at the project, on behalf of the Project Proponent, are aware of and understand the required conditions of this WQC Order to ensure compliance with the water quality standards and other applicable state laws.*
  - *Citation - 40 CFR 121.1(j), Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*
7. This WQC Order does not authorize direct, indirect, permanent, or temporary impacts to waters of the state or related aquatic resources, except as specifically provided for in conditions of this WQC Order.
- *Justification - Ecology has the authority to prevent and control pollution of state waters, and to protect designated uses. By authorizing a discharge into a water of the state, through a water quality certification, we are certifying the project as proposed will not negatively impact our state's water quality and will comply with the state's water quality requirements. Therefore, it is imperative the project is conducted as it was presented during the review process, and as conditioned herein.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-200 WAC, Chapter 173-201A WAC, Chapter 173-201A-300(2)(e)(i) WAC, Chapter 173-201A-310 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
8. Failure of any person or entity to comply with the WQC Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the state's water quality standards.
- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses. Civil penalties and other enforcement actions are the primary means of securing compliance with water quality requirements.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.037 RCW, Chapter 90.48.080 RCW, Chapter 90.48.120 RCW, Chapter 90.48.142 RCW, Chapter 90.48.144 RCW, and Chapter 173-225-010 WAC.*
9. The Project Proponent shall provide Ecology documentation for review before undertaking any major changes to the proposed project that could significantly and adversely affect water quality, other than those project changes required by this WQC Order.

- *Justification- Ecology has independent authority to enforce our 401 certification conditions issued through this WQC Order pursuant to RCW 90.48. In order to ensure the project will comply with water quality standards in the event of any major changes, Ecology must be able to review the scope of work involved in the construction and operation of the project, otherwise all work must stop and a new 401 certification pre-filing meeting, followed by a new 401 request (after requisite 30-days) is required.*
- *Citation- 40 CFR 121.1(k) & (n), 40 CFR 121.3, Chapter 90.48 RCW, and Chapter 173-201 WAC.*

10. Nothing in this WQC Order waives Ecology's discretionary authority to issue additional Orders if Ecology determines that further actions are necessary to implement the water quality laws of the state.

- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
- *Citation - Chapter 90.48.120 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*

#### **B. Notification Requirements:**

1. The following notification shall be made via phone or e-mail (e-mail is preferred) to Ecology's Federal Permit Manager via e-mail to [fednotification@ecy.wa.gov](mailto:fednotification@ecy.wa.gov) and cc to [penny.kelley@ecy.wa.gov](mailto:penny.kelley@ecy.wa.gov). Notifications shall be identified with WQC Order #21207 Corps reference #, and include the Project Proponent name, project name, project location, project contact and the contact phone number.
  - a) Immediately following a violation of state water quality standards or when the project is out of compliance with any conditions of this WQC Order.
  - b) At least ten (10) days prior to all pre-construction meetings.
  - c) At least ten (10) days prior to conducting initial in-water work activities.
  - d) Within seven (7) days of completing in-water work activities.
    - *Justification - Ecology must be aware of when a project starts and ends and whether there are any issues. This allows Ecology to evaluate compliance with the state water quality requirements.*
    - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204 WAC, and Chapter 173-225-010 WAC.*
2. In addition to the phone or e-mail notification required under B.1.a. above, the Project Proponent shall submit a detailed written report to Ecology within five (5) days that describes the nature of the event, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of any samples taken, and any other pertinent information.

- *Justification - Ensure the Project Proponent remains in full compliance with state water quality requirements for the duration of the project.*
- *Citation - Chapter 90.48 RCW, Chapter 90.48.120 RCW, Chapter 173-201A WAC, and Chapter 173-225-010 WAC.*

3. If the project construction is not completed within 13 months of issuance of this WQC Order, the Project Proponent shall submit per Condition A2 a written construction status report and submit status reports every 12 months until construction and mitigation are completed.

- *Justification - Ecology must be aware of when a project starts and ends and whether there are any issues. This allows Ecology to evaluate compliance with the state water quality requirements.*
- *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204 WAC, and Chapter 173-225-010 WAC.*

### C. Timing

1. This WQC Order will expire June 15, 2025.

- *Justification - Certifications are required for any license or permit that authorizes an activity that may result in a discharge. Ecology needs to be able to specify how long the WQC Order will be in effect.*
- *Citation - Chapter 90.48 RCW, Chapter 173-201A, and Chapter 173-225-010 WAC.*

~~2. The following in-water work windows apply to the project: all activities within the wetted perimeter of Neah Bay may be conducted between July 15<sup>th</sup> and February 15<sup>th</sup> of any year.~~

- ~~• *Justification - This condition is reaffirming the project will take place during a time period that will not harm fish or other aquatic species.*~~
- ~~• *Citation - Chapter 77.55 RCW, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300 WAC, Chapter 173-201A-330 WAC, Chapter 173-225-010 WAC, and Chapter 220-660 WAC.*~~

2. The following in-water work windows apply to the project: all activities within the wetted perimeter of Neah Bay may be conducted between July 15<sup>th</sup> and February 15<sup>th</sup> of any year. A one-time extension is granted to allow dredging from July 25<sup>th</sup> through March 2<sup>nd</sup> for the 2023/2024 dredging season.

- *Justification - This condition is reaffirming the project will take place during a time period that will not harm fish or other aquatic species.*
- *Citation - Chapter 77.55 RCW, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300 WAC, Chapter 173-201A-330 WAC, Chapter 173-225-010 WAC, and Chapter 220-660 WAC.*

#### D. Water Quality Monitoring & Criteria

1. This WQC Order authorizes a temporary of mixing for the following activities per Table 2 below:
  - *Justification - This condition is necessary to ensure that the monitoring as proposed by the Project Proponent and authorized by Ecology is conducted to protect water quality. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
2. If water quality exceedances for turbidity are observed outside the point of compliance, work shall cease immediately and the Project Proponent or the contractor shall assess the cause of the water quality problem and take immediate action to stop, contain, and correct the problem and prevent further water quality turbidity exceedances.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and know if there are exceedances of the water quality standards that protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
3. Visible turbidity anywhere beyond the temporary area of mixing (point of compliance) from the activity, shall be considered an exceedance of the standard.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and know if there are exceedances of the water quality standards that protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
4. The Project Proponent shall comply with the point of compliance for turbidity identified in Table 2.

**Table 2:** Area of Mixing

<b>Activity</b>	<b>Waterbody</b>	<b>Point of Compliance</b>	<b>Larger Area of Mixing Authorized? Y/N</b>
Hydraulic Dredging	Neah Bay	300'	Y



Sediment Placement at and below +1.6' MLLW	Neah Bay	300'	Y
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- *Justification - This condition is necessary to ensure that the monitoring as proposed by the Project Proponent and authorized by Ecology is conducted to protect water quality. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
- *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*

5. The Project Proponent shall conduct water quality monitoring as described in the approved Water Quality Monitoring Plan Dredging & Material Placement, Neah Bay dated June 3, 2022 as identified in Table 1 (hereafter referred to as the WQMP)

- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and know if there are exceedances of the water quality standards that protect aquatic life and beneficial uses.*
- *Citation - RCW 90.48, RCW 90.48.030, Chapter 173-201A WAC, 173-201A-300-330 and Chapter 173-225-010 WAC.*

6. Ecology may ask or could use its discretionary authority to require the Project Proponent to provide mitigation and/or additional monitoring if the monitoring results indicate that the water quality standards have not been met.

- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and know if there are exceedances of the water quality standards that protect aquatic life and beneficial uses.*
- *Citation - RCW 90.48, 90.48, RCW 90.48.030 Chapter 173-201A WAC, 173-201A-300-330 WAC, Chapter 173-204 WAC.*

**E. Dredging & Sediment placement/Beach Nourishment**

General Conditions

1. All work in waters of the state shall be conducted to minimize turbidity, erosion, and other water quality impacts. Best Management Practices (BMPs) suitable to prevent exceedances of state water quality standards shall be in place before starting maintenance and shall be maintained throughout the duration of the activity.

- *Justification - Disturbed areas without appropriate BMP's and construction methods can discharge excess sediment to waters of the state and degrade water quality. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*

- *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
  - *Justification -Ensures that the project proponent preserves sensitive areas from discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
2. No petroleum products, fresh concrete, lime or concrete, chemicals, or other toxic or deleterious materials shall be allowed to enter waters of the state.
- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation -Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
3. All equipment being used below the ordinary high water mark shall utilize biodegradable hydraulic fluid.
- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*

#### Equipment & Maintenance

4. Equipment used for this project shall be free of external petroleum-based products while used around the waters of the state, including wetlands. Accumulation of soils or debris shall be removed from the drive mechanisms (wheels, tires, tracks, etc.) and the undercarriage of equipment prior to its use around waters of the state, including wetlands.
- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*



5. No equipment shall enter, operate, be stored or parked within any sensitive area except as specifically provided for in this WQC Order.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
6. Wash water containing oils, grease, or other hazardous materials resulting from washing of equipment or working areas shall not be discharged into state waters. The Project Proponent shall set up a designated area for washing down equipment.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*

#### Dredging

7. All dredging is to be done using a hydraulic dredge. Use of any other type of dredge requires preapproval from Ecology.
  - *Justification - Ecology has reviewed the project and the BMPs for a specific type of dredging. Changes to the dredging method would require different BMPs. If new dredging methods are proposed, a new WQC pre-filing meeting request, followed by a new WQC request (after requisite 30-days) is required.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.52-040 RCW, Chapter 90.54.020(2)(b) RCW, Chapter 173-201A WAC, Chapter 173-201A-240(5)(b) WAC, and Chapter 173-204-400(2) WAC, and Chapter 173-225-010 WAC.*
8. All dredged material will be piped to the area of sediment placement. Use of any other type of disposal method or location requires pre-approval by Ecology.
  - *Justification - Ecology has reviewed the project and the BMPs for the specific method of sediment placement. Changes to the disposal method would require different BMPs. If new disposal methods are proposed, or a new location, a new WQC pre-filing meeting request, followed by a new WQC request (after requisite 30-days) is required.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.52-040 RCW, Chapter 90.54.020(2)(b) RCW, Chapter 173-201A WAC, Chapter 173-201A-240(5)(b) WAC, and Chapter 173-204-400(2) WAC, and Chapter 173-225-010 WAC.*

9. The dredge shall only be operated with the intake at or below the surface of the sediment being removed. The intake shall only be raised a maximum of three feet along the bed for brief periods of purging or flushing the intake system.
  - *Justification - This condition would limit re-suspension of sediment that could cause water quality exceedances. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
  
10. Dredging operations shall be conducted in a manner that minimizes the disturbance and siltation of adjacent waters and prevents the accidental discharge of petroleum products, chemicals or other toxic or deleterious substances into state waters.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
  
11. A pre-dredge meeting is required to be convened prior to the start of dredging. A **Dredging and Disposal Workplan** (Workplan) shall be submitted to Ecology per Condition A.2 two weeks prior to the pre-dredge meeting. The Dredging and Disposal Workplan (Workplan) shall include the following:
  - a. General information including schedule, primary contact, and hours of operation
  - b. Dredged quantities and disposal location, including any upland locations.
  - c. Dredging procedures and sequence
  - d. Equipment list
  - e. A description of the BMPs to be used for dredging, dewatering, and disposal.

- *Justification - Ecology would like to meet with the Project Proponent and contractor to go over the Workplan prior start of work to ensure that the plan reflects the project that has been authorized by this WQC Order. Ecology has reviewed the project and the BMP's prior to the contractor being brought on board, therefore we need to obtain specific information regarding dredging and disposal plan to ensure that the specific type of dredging, disposal technique and disposal location within the Workplan. This information will allow Ecology to ensure the project will comply with water quality standards. Also if there have been major changes to the original proposed dredging and disposal, work must not proceed and a new WQC pre-filing meeting request, followed by a new WQC request (after requisite 30-days) is required.*
  - *Citation - Chapter 70A-200 RCW, Chapter 77.55 RCW, Chapter 79.02.30040 RCW, Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.52-040 RCW, Chapter 90.54.020(2)(b) RCW, Chapter 173-201A WAC, Chapter 173-201A-240(5)(b) WAC, Chapter 173-201A-300 WAC, Chapter 173-201A-330 WAC, Chapter 173-204-400(2) WAC, Chapter 173-225-010 WAC, and Chapter 220-660 WAC.*
12. All dredging and disposal shall have a valid suitability determination prior to in-water work. This area ranks moderate in potential for contamination and the recency determination extends through October 2025. Contact the DMMO for a possible extension on this suitability determination.
- *Justification - The DMMP process confirms that material is suitable for in-water disposal and that the project meets state antidegradation regulations.*
  - *Citation - Chapter 173-201A WAC, Chapter 173-201A-230 WAC, Chapter 173-201A-240(1) WAC, Chapter 173-201A-240(2) WAC, Chapter 173-204 WAC, Chapter 173-204-110-120 WAC, Chapter 173-204-400(2) WAC, Chapter 173-204-410(7) WAC, Chapter 173-204-350(d), and Chapter 173-225 WAC.*
13. Barges shall not be allowed to ground-out during in-water construction.
- *Justification - This condition is necessary to protect shallow water habitat and prevent suspension of sediment. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 173-201A-300(2)(e)(i) WAC, Chapter 173-201A-310 WAC, and Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*
14. Barges shall be kept free of material that could be blown into the water.
- *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation -Chapter 70A-200 RCW, Chapter 79.02-300 RCW, and Chapter 90.48 RCW, and Chapter 173-225-010 WAC.*

## H. Emergency/Contingency Measures

1. The Project Proponent shall develop and implement a spill prevention and containment plan for this project.
  - *Justification - Ecology must ensure that the Project Proponent has a plan to prevent pollution from entering waterways. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, Chapter 173-225-010 WAC, and Chapter 173-303-145 WAC.*
2. The Project Proponent shall have adequate and appropriate spill response and cleanup materials available on site to respond to any release of petroleum products or any other material into waters of the state.
  - *Justification - Ecology must have assurance that the Project Proponent has the material readily available in WQC Order to address any spills that might occur to protect waters of the state. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, Chapter 173-225-010 WAC, and Chapter 173-303-145 WAC.*
3. Fuel hoses, oil drums, oil or fuel transfer valves and fittings, etc., shall be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent spills into state waters.
  - *Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
  - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, Chapter 173-225-010 WAC, and Chapter 173-303-145 WAC.*
4. Work causing distressed or dying fish and discharges of oil, fuel, or chemicals into state waters or onto land with a potential for entry into state waters is prohibited. If such work, conditions, or discharges occur, the Project Proponent shall notify Ecology's Federal Permit Manager per condition A2 and immediately take the following actions:
  - a. Cease operations at the location of the non-compliance.

- b. Assess the cause of the water quality problem and take appropriate measures to correct the problem and prevent further environmental damage.
  - c. In the event of a discharge of oil, fuel, or chemicals into state waters, or onto land with a potential for entry into state waters, containment and cleanup efforts shall begin immediately and be completed as soon as possible, taking precedence over normal work. Cleanup shall include proper disposal of any spilled material and used cleanup materials.
  - d. Immediately notify Ecology's Regional Spill Response Office and the Washington State Department of Fish & Wildlife with the nature and details of the problem, any actions taken to correct the problem, and any proposed changes in operation to prevent further problems.
  - e. Immediately notify the National Response Center at 1-800-424-8802, for actual spills to water only.
    - *Justification - This condition is necessary to prevent oil and hazardous materials spills from causing environmental damage and to ensure compliance with water quality requirements. The sooner a spill is reported, the quicker it can be addressed, resulting in less harm. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
    - *Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, Chapter 173-225-010 WAC, and Chapter 173-303-145 WAC.*
5. Notify Ecology's Regional Spill Response Office immediately if chemical containers (e.g. drums) are discovered on-site or any conditions present indicating disposal or burial of chemicals on-site that may impact surface water or ground water.
- *Justification - Oil and hazardous materials spills cause environmental damage. The sooner a spill is reported, the quicker it can be addressed, resulting in less harm. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.*
- Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, Chapter 173-225-010 WAC, and Chapter 173-303-145 WAC.*

## CONTACT INFORMATION

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