



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

August 30, 2022

US Army Corps of Engineers
Walla Walla District
ATTN: Benjamin Tice
201 N. 3rd Avenue
Walla Walla, WA 99362-1876

Re: Water Quality Certification Order No. **21223** for Corps Reference No. **NWP-2013-0519**, Lower Snake and Clearwater Rivers Winter Maintenance Dredging, located in Asotin, Franklin, Garfield, and Whitman Counties, Washington.

Dear Benjamin Tice,

On May 24, 2022, the US Army Corps of Engineers (Corps) submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Lower Snake and Clearwater Rivers Winter Maintenance Dredging, WA and located in Asotin, Franklin, Garfield, and Whitman Counties, Washington.

On behalf of the state of Washington, the Department of Ecology certifies that the work described in the Water Quality Certification Request and supplemental documents complies with applicable provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act, as amended, and applicable state laws. This certification is subject to the conditions contained in the enclosed Water Quality Certification Order (WQC Order).

Please ensure that anyone doing work under this WQC Order has read, is familiar with, and is able to follow all of the provisions within the attached WQC Order.

If you have any questions about this decision, please contact Laura Inouye, at (360) 515-8213 the enclosed WQC Order may be appealed by following the procedures described within.

*Lower Snake and Clearwater Rivers Winter Maintenance Dredging
Aquatics No.141626, Corps No 201300519
August 30, 2022
Page 2 of 2*

Sincerely,



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

Enclosure

e-cc: Pam Sanguinetti, U.S. Army Corps of Engineers
Samuel N. Penney, Nez Pierce Tribe
Tom Schirm, WDFW
Loree' Randall, Ecology
Laura Inouye, Ecology
ECYREFEDPERMITS@ecy.wa.gov – Aquatics No. 141626

IN THE MATTER OF GRANTING A) WQC ORDER No. 21223
WATER QUALITY CERTIFICATION TO) Corps Reference No. NWP-2013-0519
 US Army Corps of Engineers) Lower Snake and Clearwater Rivers Winter
 pursuant to 33 U.S.C. 1341 (FWPCA) Maintenance Dredging, WA and located in
 § 401), RCW 90.48.120, RCW 90.48.260) Asotin, Franklin, Garfield, and Whitman
 and Chapter 173-201A WAC) Counties, Washington.

US Army Corps of Engineers
 Walla Walla District
 ATTN: Benjamin Tice
 201 N. 3rd Avenue
 Walla Walla, WA 99362-1876

On May 24, 2022, the US Army Corps of Engineers (Corps) submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Lower Snake and Clearwater Rivers Winter Maintenance Dredging, WA and located in Asotin, Franklin, Garfield, and Whitman Counties, Washington. The following required processing dates are referenced below:

- On April 14, 2022, the Corps submitted a pre-filing meeting request.
- On May 26, 2022, Ecology considered the Section 401 WQC request complete.
- On June 16, 2022 Ecology issued a public notice for the project.

The project proposes to perform maintenance dredging in the lower Snake River (near Ice Harbor dam and at Clarkston, WA) and lower Clearwater River (near Lewiston, Idaho) to restore the Congressionally-authorized navigation channel dimensions and provide safer commercial navigation. The Corps proposes to dispose of the dredged material in the Snake River at Bishop Bar (River Mile, RM 118). The Corps also proposes to use the RM 118 site to dispose of material from an ancillary/related maintenance dredging at the berthing areas of the Port of Clarkston, WA and the Port of Lewiston, ID.

The project site is located on the Lower Snake and Clearwater Rivers, located in Asotin, Franklin, Garfield, and Whitman Counties, Washington within Water Resource Inventory Area (WRIA) 33 (lower Snake) and 35 (Middle Snake). Section, township and range information:

Sections	Township	Range
25, 26, 31	36N	6W, 5W, Boise Meridian
16, 17	11N	46E, Willamette Meridian
24	9N	31E, Willamette Meridian

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, Corps request for a Section 401 Water Quality Certification for the Lower Snake and Clearwater Rivers Winter Maintenance Dredging, WA and located in Asotin, Franklin, Garfield, and Whitman Counties. 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 May 24, 2022, the supporting documents referenced in Table 1 below, **and the conditions of this WQC Order.**

Table 1. Supporting Documents

Date Received	Document Type	Title & Date	Author
May 24, 2022	Joint Aquatic Resources Permit Application (JARPA) Form	JARPA (dated May 24, 2022)	Benjamin Tice, USACE, Walla Walla District
May 24, 2022	Biological Assessment	Snake River Channel Maintenance 2022/2023, Lower Snake River Biological Assessment (April 1, 2020)	Benjamin Tice, USACE, Walla Walla District
May 24, 2022	Suitability Determination	Determination on the Suitability of Proposed Dredged Material from Lower Snake/Clearwater River Maintenance Dredging for Open-	Lauran Warner, Corps for Dredged Material Management Program (DMMP)

		Water Disposal in the Snake river of at an Approved Beneficial Use of Upland Site.	
May 26, 2022	Dredging Plan	Lower Snake and Clearwater Rivers Winter Maintenance Dredging Washington and Idaho (2022-2023) Dredging Plan (not dated)	USACE, Walla Walla District
June 3, 2022	E-mail Request for extended area of mixing	Subject: RE: 141626 - RE: FW: Snake/Clearwater Navigation Channel Maintenance Dredging - Corps of Engineers - Ecology Project number: 141626	Benjamin Tice, USACE, Walla Walla District
June 9, 2022	Immediate Needs Plan	Immediate Need Dredging for Commercial Navigation in the Lower Snake River: Current Immediate Need Navigation Maintenance Monitoring Plan (June 9, 2022)	USACE, Walla Walla District
June 27, 2022	Suitability Determination	Subject: DMMP Volume Revision for Dredging from Lower Snake/Clearwater River for Open-Water Disposal in the Snake River or at an Approved Beneficial Use or Upland Site. (June 27, 2022)	Lauran Warner, Corps for DMMP
August 17, 2022	Mitigation Plan	Investigation for Fall Chinook Salmon Redds In the Tailwater of Ice Harbor Lock and Dam on the Lower Snake River, November-December 2022	USACE, Walla Walla District
August 17, 2022	Mitigation plan	Larval lamprey Assessment Using a Deepwater Electroshocking Platform and Freshwater Mussel Survey at dredging locations near the mouth of the Clearwater River.	USACE, Walla Walla District
August 22, 2022	USFWS Biological Opinion	Biological Opinion, Snake River Channel Maintenance Project, August 17, 2022	USFWS, Jeffrey Krupka

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 incorporated into the Corps permit and 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 and cc to Laura.Inouye@ecy.wa.gov. The submittals shall be identified with WQC Order No. 21223 and include the Project Proponent’s name, 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 May 24, 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 and all mitigation sites 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, contractors, and other workers 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.*

11. This Order will automatically transfer to a new owner or operator if:

- a. A written agreement between the Project Proponent and new owner or operator with the specific transfer date of the WQC Order's obligations, coverage, and liability is submitted to Ecology per condition A.2.;
- b. A copy of this Order is provided to the new owner or operator; and
- c. Ecology does not notify the new Project Proponent that a new WQC Order is required to complete the transfer.
 - *Justification – Ecology needs to ensure that anyone conducting work at the project, including any new owners or operators, 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 121.3, Chapter 90.48 RCW, Chapter 90.48.030 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 and cc to Laura.Inouye@ecy.wa.gov. Notifications shall be identified with WQC Order No.21223, 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 for each in-water work window.

d) Within seven (7) days of completing in-water work activities for each in-water work window.

- *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.*

C. Timing

1. This WQC Order will expire 10 years from the date of issuance.

- *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:

a) All activities within the wetted perimeter of the Lower Snake and Lower Clearwater may be conducted between December 15 and March 1 of any year.

D. Water Quality Monitoring & Criteria

1. This WQC Order does not authorize the Project Proponent to exceed applicable water quality standards beyond the limits established in WAC 173-201A.

- *Justification - This condition provides citation to the appropriate water quality standard criteria to protect surface 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 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.*

2. 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.*

3. 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.*

4. 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.*

5. The Project Proponent shall comply with the point of compliance for turbidity identified in Table 2.

Table 2: Area of Mixing

Activity	Waterbody	Point of Compliance	Larger Area of Mixing Authorized? Y/N
Dredging and disposal	Lower Snake River	900 ft.	yes

- *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.*

6. The Project Proponent shall conduct water quality monitoring as described in the approved *Immediate Needs Plan* 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.*

7. Monitoring results shall be submitted monthly to Ecology’s Federal Permit Manager, per condition A.2.

- *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.*

8. 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 and Disposal

1. All work in and near waters of the state shall be conducted to minimize turbidity, erosion, and other water quality impacts. Construction stormwater, sediment, and erosion control 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.*
2. No stockpiling or staging of materials shall occur at or below the Ordinary High Water Mark (OHWM) of any waterbody.
 - *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.*
5. 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 173-200, Chapter 173-201A WAC, Chapter 173-201A-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 90.48 RCW, Chapter 90.48.030 RCW, Chapter 173-201A WAC, 173-201A-300-330 WAC, and Chapter 173-204 WAC*
6. All dredging is to be done using a mechanical (clamshell) dredge.
- *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.*
7. All suitable dredged material will be disposed of at the Bishop Bar (River Mile, RM 118) disposal site.
- *Justification - Ecology has reviewed the project and the BMPs for a specific type of disposal technique and disposal location. If different in-water disposal sites 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), and Chapter 173-225-010 WAC.*
8. 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.*

9. Dredged material shall not be temporarily or permanently stockpiled below the OHWM.

- *Justification - Stockpiles below the OHWM 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.*

10. All debris larger than two (2) feet in any dimension shall be removed from the dredged sediment prior to disposal at the open water site. Similar-sized debris floating in the dredging or disposal area shall be removed.

- *Justification - Ecology must be assured that the Project Proponent is managing and disposing of material to 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.*

11. The Project Proponent shall follow the approved Dredging and Immediate Needs Plans as identified in Table 1.

- *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, Chapter 173-225-010 WAC.*

12. A pre-dredge meeting is required to be convened prior to the start of dredging.

- *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. If there has been major changes 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.*

13. 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 Dredged Material Management Office (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.*

14. 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.*

15. 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.*

F. 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.*

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 RCW 43.21B and WAC 371-08. "Date of receipt" is defined in RCW 43.21b.001(2). More information is available at <https://eluhwa.gov/content/11>.

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, in paper form, by mail or in person (see addresses below). E-mail is not accepted.

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

Serving an appeal on PCHB:

For the most current information regarding filing with the PCHB, visit:
<https://eluhwa.gov/content/11>

Filing by mail

Mailing Address:

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

Filing in person (or by certified mail/courier)

Street Address:

Pollution Control Hearings Board
1111 Israel RD SW
STE 301
Tumwater, WA 98501

Filing electronically

E-mail Address:

Pchb-shbappeals@eluhwa.gov

Serving a copy of the appeal on Ecology:

Electronic copies of appeals are not accepted at the Department of Ecology per WAC 371-08-305(10).

Filing by mail

Mailing Address:

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

Filing in person (or by certified mail/courier)

Street Address:

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

Contact Information

Please direct all questions about this WQC Order to:

Laura Inouye
Department of Ecology
360-515-8213
Laura.Inouye@ecy.wa.gov

More Information

- **Pollution Control Hearings Board Website**
<http://www.eluho.wa.gov/content/11>
- **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>

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August 30, 2022

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SIGNATURE

Dated this 30th day of August 2022 at the Department of Ecology, Olympia Washington



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

