



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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October 30, 2014

Wahkiakum County Department of
Public Works
Attn: Mr. Pete Ringen, P.E.
P.O. Box 97
Cathlamet WA 98612

RE: Water Quality Certification Order No. 11035 for Corps Public Notice No. NWS-2014-0427 Puget Island Ferry Terminal berth area dredging and terminal modifications, Wahkiakum County, Washington

Dear Mr. Ringen:

On April 15, 2014, the Wahkiakum County Department of Public Works submitted a Joint Aquatic Resources Permit Application (JARPA) to the Department of Ecology (Ecology) for a Section 401 Water Quality Certification (401 Certification) under the federal Clean Water Act.

The proposed project includes dredging the ferry berthing area and some terminal modifications near Puget Island, Columbia River, Wahkiakum County, Washington.

On behalf of the State of Washington, Ecology certifies that the work described in the JARPA and the public notice 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 Order.

If you have any questions, please contact Helen Pressley at (360) 407-6076. The enclosed Order may be appealed by following the procedures described in the Order.

Sincerely,

Brenden McFarland, Section Manager
Shorelands and Environmental Assistance Program

Enclosure



Mr. Pete Ringen
WQC #11035, Corps # NWS-2014-0427
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by certified mail 7009 0820 0001 9056 0151

cc: Danette Guy, U.S. Army Corps of Engineers
George Formes, WDFW

e-cc: ecyrefedpermits@ecy.wa.gov
Loree Randall – HQ, SEA
Laura Inouye, Ecology
Rick Schwartz, DNR

IN THE MATTER OF GRANTING A) **ORDER #11035**
WATER QUALITY) **Corps Reference No. NWS-2014-0427**
CERTIFICATION TO) Dredging Puget Island ferry berthing area and
Wahkiakum County Department of) terminal modification near Puget Island,
Public Works) Columbia River, Wahkiakum County,
in accordance with 33 U.S.C. 1341) Washington
(FWPCA § 401), RCW 90.48.120, RCW)
90.48.260 and Chapter 173-201A WAC)

TO: **Wahkiakum County Department of
Public Works
Attn: Mr. Pete Ringen, P.E.
P.O. Box 97
Cathlamet WA 98612**

On April 15, 2014 the Wahkiakum County Department of Public Works submitted a Joint Aquatic Resources Permit Application (JARPA) to the Department of Ecology (Ecology) requesting a Section 401 Water Quality Certification. A joint public notice regarding the request was distributed by the Army Corps of Engineers (Corps) for the above-referenced project pursuant to the provisions of Chapter 173-225 WAC on September 4, 2014.

The proposed project includes dredging the Puget Island ferry berthing area to -9 feet Columbia River Datum and conducting some terminal modifications to accommodate current and new ferries.

Work includes:

1. Dredge up to 2,750 cubic yards of sediment. Dredging will be conducted by clamshell dredge.
2. Dispose of the dredged material within the flow lane of the Columbia River at RM 41.
3. Relocate 15 existing 16-inch-diameter steel piles (5 sets of 3-pile dolphins).
4. Relocate one luminaire pile.
5. Remove two 18-inch-diameter steel piles.
6. Install three 16-inch-diameter steel piles.
7. Install an additional 2.25 linear feet of new steel apron.

Note: Future maintenance dredging of the berth area is not authorized by this Section 401 Water Quality Certification/Order.

AUTHORITIES:

In exercising authority under 33 U.S.C. § 1341, RCW 90.48.120, and RCW 90.48.260, Ecology has examined this application 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 (FWPCA § 301, 302, 303, 306 and 307);
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.

WATER QUALITY CERTIFICATION CONDITIONS:

Through issuance of this Order, Ecology certifies that it has reasonable assurance that the activity as proposed and conditioned will be conducted in a manner that will meet the applicable water quality standards and other appropriate requirements of state law. In view of the foregoing and in accordance with 33 U.S.C. § 1341, RCW 90.48.120, RCW 90.48.260, Chapter 173-200 WAC and Chapter 173-201A WAC, water quality certification is granted to the Applicant subject to the conditions within this Order.

Certification of this proposal does not authorize the Applicant to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water standards (Chapter 173-200 WAC) or sediment quality standards (Chapter 173-204 WAC). Furthermore, nothing in this certification shall absolve the Applicant from liability for contamination and any subsequent cleanup of surface waters, ground waters or sediments occurring as a result of project construction or operations.

A. General Conditions:

1. In this Order, the term "Applicant" shall mean the Wahkiakum County Department of Public Works and its agents, assignees and contractors.
2. All submittals required by this Order shall be sent to Ecology's Headquarters Office, Attn: Federal Permit Coordinator, P.O. Box 47600 Olympia, WA 98504-7600 and/or hpre461@ecy.wa.gov. Any submittals shall reference Order #11035 and Corps Reference # NWS-NWS-2014-0427.
3. All notifications listed below shall be made via phone to name of Helen Pressley 360.407.6076, or e-mail at hpre461@ecy.wa.gov. These notifications shall be identified with Order #11035 and include the Applicant's name, contact, and the contact's phone number.
 - a. At least ten (10) days prior to conducting initial in-water work activities every year for each in-water work window.

- b. Within at least seven (7) days after completion of the in-water work.
4. Work authorized by this Order is limited to the work described in the Army Corps of Engineers Joint Public Notice issued September 4, 2014, unless otherwise authorized by Ecology.
5. The Applicant shall obtain Ecology review and approval before undertaking any changes to the proposed project that might significantly and adversely affect water quality other than those project changes required by this Order.
6. Within 30 days of receipt of the updated information, Ecology will determine if the revised project requires a new public notice and Certification or if a modification to this Order is required.
7. This Order shall be rescinded if the U.S. Army Corps of Engineers does not issue an individual 404 and/or Section 10 permit for the project.
8. The Applicant shall send (per A.2.) a copy of the final Section 404 Corps permit to Ecology' Federal Project Manager within two weeks of receiving it from the Corps.
9. The Applicant shall keep copies of this Order on the job site and readily available for reference by Ecology personnel, dredging personnel, construction superintendent, construction managers and lead workers, and state and local government inspectors.
10. Upon Ecology personnel's request, the Applicant shall provide access to the project site, all staging areas for site inspections, monitoring, necessary data collection, and/or to ensure that conditions of this Order are being met.
11. Nothing in this Order waives Ecology's authority to issue additional orders if Ecology determines that further actions are necessary to implement the water quality laws of the state. Furthermore, Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if additional impacts due to project construction, dredging, or operation are identified or if additional conditions are necessary to further protect water quality.
12. In the event of changes or amendments to the state water quality, ground water quality, or sediment standards, or changes in or amendments to the state Water Pollution Control Act (RCW 90.48), or the federal Clean Water Act, Ecology will issue an administrative order to incorporate any such changes or amendments applicable to this project.
13. The Applicant shall ensure that all appropriate project engineers and contractors at the project site have read and understand relevant conditions of this Order and all permits, approvals, and documents referenced in this Order. The Applicant shall provide Ecology a signed statement (see Attachment A for an example) from each project engineer and contractor that they have read and understand the conditions of this Order and the above-

referenced permits, plans, documents and approvals. These statements shall be provided to Ecology before construction and dredging begins at the project.

14. This Order does not authorize direct, indirect, permanent, or temporary impacts to waters of the state (including wetlands) or related aquatic resources, except as specifically provided for in conditions of this Order.
15. Failure of any person or entity to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce its terms.
16. This Order will automatically transfer to a new owner or operator if:
 - a. A written agreement between the Applicant and new owner or operator with the specific transfer date of the 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. If Ecology does not notify the new Applicant that this Order must be modified to complete the transfer.

B. Water Quality Conditions:

1. This order does not authorize temporary exceedances of water quality standards beyond the limits established in WAC 173-201A-200(1)(e)(i)(C).
 - The area of mixing established for fresh waters is a 300 foot radius surrounding the in-water activity. Turbidity occurring outside that zone that is more than 5 nephelometric turbidity units (NTU) over background when the background is 50 NTU or less, or a 10% increase in turbidity when the background turbidity is more than 50 NTU is a violation of the turbidity water quality standard.
 - Visible turbidity anywhere at 300 ft point of compliance from the activity and/or the disposal location shall be considered to be an exceedance of the standard.

C. Water Quality Monitoring:

1. The Applicant is proposing to use the monitoring plan entitled "Water Quality Monitoring Plan (WQMP) Lower Columbia River Side Channels Clamshell Dredging 2014" dated June 1, 2014, prepared by the U.S. Army Corps of Engineers. This plan was approved as part of the Corps dredging project and is also approved for use for this project.
2. Turbidity monitoring reports shall be sent weekly to the 401/CZM Federal permit coordinator. The permit coordinator shall be contacted within 24 hours if an exceedance occurs.

D. Dredging and Disposal:

1. All dredging is to be done using a clamshell dredge. **Use of any other type of dredge requires preapproval from Ecology.**
2. All dredged material will be discharged into the flowlane of the Columbia River. **Use of any other type of disposal method or location requires pre-approval by Ecology.**
3. For material being taken to the disposal sites, all debris (larger than 2 feet in any dimension) shall be removed from the dredged sediment prior to disposal. Similar sized debris found floating in the dredging or disposal area shall also be removed.
4. Dredging operations shall be conducted in a manner that minimizes the disturbance or siltation of adjacent waters and prevents the accidental discharge of petroleum products, chemicals or other toxic or deleterious substances into waters of the State.
5. The scow shall not be overfilled to the point where dredge material overtops the sidewalls.
6. Caution shall be used when placing material from the bucket into the scow to limit splash and prevent spillage.
7. The Dredge operator shall pause the bucket at the surface, after its ascent through the water column, to minimize turbidity by allowing free water to drain from the bucket prior to swinging the bucket to the bottom dump scow.
8. A pre-dredge meeting or conference call shall be convened prior to the start of dredging. A **Dredging Plan** is required and shall be submitted to Ecology to the 401/CZM Federal permit coordinator at the address shown in Condition A2 for review and approval 2 weeks prior to the pre-construction meeting.

E. Piling Removal, Installation, and Relocation:

1. Piles, stubs, debris, and all associated excavated sediment shall be prevented from entering waters of the state.
2. All pile work shall be done so as to minimize turbidity, erosion, and other water quality impacts.
3. During pile removal and pile driving, a containment boom shall be placed around the perimeter of the work area to capture wood debris and other materials released into the water as a result of project activities. All accumulated debris shall be collected and disposed of upland at an approved disposal site. Absorbent pads shall be deployed should any sheen be observed.

4. The Applicant shall use tarps or other containment methods when cutting, drilling, or construction over-water to prevent debris, sawdust, concrete rubble, and other materials from entering the water.
5. Machinery and equipment used during piling removal and replacement shall be serviced, fueled, and maintained on uplands wherever possible in order to prevent contamination of surface water. Where practicable, machinery and equipment used during project activities shall use biodegradable hydraulic fluid.
6. The work surface on the uplands or barge shall include a containment basin for piles and any liquid or sediment removed during pulling of the piling. Basins may be constructed of durable plastic sheeting with sidewalls supported by hay bales or support structure to contain all sediment and liquid. Water left in the basins shall not be discharged into waters of the state.
7. Piles removed from substrate shall be moved immediately from the water onto the upland or barge. The pile shall not be shaken, hosed-off, left hanging to drip or any other action intended to clean or remove adhering material from the pile. All excavated piles shall be disposed of at an approved upland disposal site.
8. The Applicant shall deploy a bubble curtain or other BMP(s) to protect marine life while placing or proofing new piling.
9. During dredging, the Applicant shall have a boat available on site at all times to retrieve debris from the water.

F. Timing Requirements:

1. All in-water work shall be completed within the Washington State Department of Fish and Wildlife (WDFW) work window (October 1st – December 31st) identified in the most current HPA's issued for this project. Any project change that requires a new or revised HPA should also be sent to Ecology for review.
2. This Order shall remain in effect for a period of 2 years from date of issuance. Continuing this project beyond the 2 year term of this Order will require separate certifications every 2 years.

G. Emergency/Contingency Measures:

1. The Applicant shall develop a spill prevention and containment plan for this project, and shall have spill cleanup materials and an emergency call list available on site.

2. Any work that is out of compliance with the provisions of this Order, or conditions causing distressed or dying fish, or any discharge of oil, fuel, or chemicals into state waters, or onto land with a potential for entry into state waters, is prohibited. If these occur, the Applicant or operator shall immediately take the following actions:
 - a. Cease operations that are causing the compliance problem.
 - b. Assess the cause of the water quality problem and take appropriate measures to correct the problem and/or prevent further environmental damage.
 - c. In the event of finding distressed or dying fish, the applicant shall collect fish specimens and water samples in the affected area within the first hour of the event. These samples shall be held in refrigeration or on ice until the applicant is instructed by Ecology on what to do with them. Ecology may require analyses of these samples before allowing the work to resume.
 - d. 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.
 - e. Immediately notify Ecology's 24-Hour Spill Response Team at 1-800-258-5990, **and** within 24 hours of spills or other events Ecology's 401/CZM Federal permit coordinator at (360) 407-6076.
 - f. 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.
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, including wetlands.
4. If at any time during work the proponent finds buried chemical containers, such as drums, or any unusual conditions indicating disposal of chemicals, the proponent shall immediately notify Ecology using the above phone numbers.

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 of this Order. 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 appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Order on 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 Chapter 43.21B RCW and Chapter 371-08 WAC.

ADDRESS AND LOCATION INFORMATION

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel RD SW STE 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

CONTACT INFORMATION

Please direct all questions about this Order to:

Helen Pressley
Department of Ecology
SEA Program, Headquarters
P.O. Box 47600
Olympia WA 98504
360.407.6076
Hpre461@ecy.wa.gov

MORE INFORMATION

Pollution Control Hearings Board Website

www.eho.wa.gov/Boards_PCHB.aspx

Chapter 43.21B RCW - Environmental and Land Use Hearings Office – Pollution Control Hearings Board

<http://apps.leg.wa.gov/RCW/default.aspx?cite=43.21B>

Chapter 371-08 WAC – Practice And Procedure

<http://apps.leg.wa.gov/WAC/default.aspx?cite=371-08>

Chapter 34.05 RCW – Administrative Procedure Act

<http://apps.leg.wa.gov/RCW/default.aspx?cite=34.05>

Chapter 90.48 RCW – Water Pollution Control

<http://apps.leg.wa.gov/RCW/default.aspx?cite=90.48>

Chapter 173.204 WAC – Sediment Management Standards

www.ecy.wa.gov/biblio/wac173204.html

Chapter 173-201A WAC – Water Quality Standards for Surface Waters of the State of Washington

www.ecy.wa.gov/biblio/wac173201A.html

SIGNATURE

Dated this 30th day of October 2014, at the Department of Ecology, Lacey Washington



Brenden McFarland, Section Manager
Shorelands & Environmental Assistance Program
Headquarters Office - Ecology
State of Washington

ATTACHMENT A

**Wahkiakum County Department of Public Works
Wahkiakum Ferry Berth Dredging & Ramp Modifications
Water Quality Certification Order #11035**

**Statement of Understanding of
Water Quality Certification Conditions**

I have read and understand the conditions of Order #11035 Section 401 Water Quality Certification for the Puget Island Ferry Berth Dredging & Terminal Modifications. I have also read and understand all permits, plans, documents, and approvals associated with the project referenced in this order.

Signature

Date

Print Name

Company

Title

