



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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October 5, 2007

Mr. Pete Ringen  
Wahkiakum County Public Works  
PO Box 97  
Cathlamet WA 98612

**RE: Water Quality Certification - Order #5090/Corps Public Notice NWS-2007-949-ENS. Disposal of up to 205,000 cy of dredged material for bank stabilization and beach nourishment along the Columbia River (RM 38) near Cathlamet, Wahkiakum County, Washington**

Dear Mr. Ringen:

The above-referenced public notice for proposed work in waters of the state has been reviewed in accordance with all pertinent rules and regulations. On behalf of the State of Washington, we certify that the work proposed in the public notice complies with applicable provisions of Sections 301, 302, 303, 306 and 307 of the Clean Water Act, as amended, and other appropriate requirements of State law. This certification is subject to the conditions contained in the enclosed Order and may be appealed by following the procedures described in the Order.

Pursuant to Section 307(c)(3) of the Coastal Zone Management Act of 1972 as amended, Ecology concurs with the Applicant's determination that this work is consistent with the approved Washington State Coastal Zone Management Program.



*Wahkiakum Sand Pit*  
*Order #5090, Corps No. NWS-2007-0949-ENS*  
*October 5, 2007*  
*Page 2 of 2*

If you have any questions concerning the content of this letter, please contact Helen Pressley at (360) 407-6076.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brenden McFarland', with a long horizontal flourish extending to the right.

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

cc: John Pell, Corps  
Penny Keys, Ecology  
Dave Simpson, Coast and Harbor Engineering  
Robert and Patricia Ohrberg  
Paul Aldinger

<b>IN THE MATTER OF GRANTING A</b>	)	<b>ORDER #5090</b>
<b>WATER QUALITY</b>	)	<b>Corps Reference No. NWS-2007-949-ENS</b>
<b>CERTIFICATION TO</b>	)	Disposal of up to 205,000 cy of dredged material
<b>Wahkiakum County Public Works</b>	)	for bank stabilization and beach nourishment in
in accordance with 33 U.S.C. 1341	)	the Columbia River (RM 38) near Cathlamet,
(FWPCA § 401), RCW 90.48.120, RCW	)	Wahkiakum County, Washington
90.48.260 and Chapter 173-201A WAC	)	

TO: Mr. Pete Ringen  
Wahkiakum County Public Works  
PO Box 97  
Cathlamet WA 98612

On March 1, 2007 the Wahkiakum County Public Works submitted a Joint Aquatic Resource 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 Ecology for the above-referenced project pursuant to the provisions Chapter 173-225 WAC on July 18, 2007.

The proposed project is to permit the project area as a beneficial use disposal site for clean sand from dredging projects in the general vicinity for bank stabilization and beach nourishment in this eroding area. The proposed project is located along 8 adjoining properties on 199 Ostervold Rd along the Columbia River at rivermile 38 near Cathlamet, Wahkiakum County, Washington.

The project will require placement of approximately 205,000 cy over approximately 17 acres, much of which will be waterward of existing OHWM. The project will result in a net conversion of 4.71 acres from aquatic to upland environment immediately post-project. The remaining 12.29 acres of fill will be used to create beach areas below the plane of the OHWM. The applicant intends to use clean dredged material obtained from local dredging projects. If sufficient source of material for the project is available, construction will take approximately one month. If it is not available, up to 4 separate placements are proposed which will take approximately 2 weeks per fill event. Large woody debris (LWD) salvaged during the project will be stockpiled. It will then be placed along the new OHWM.

Material for this project may come from nearby dredge projects that have material characterized as suitable for open water disposal according to the “*Dredged Material Evaluation Framework*”.

**AUTHORITIES:**

In exercising authority under 33 U.S.C. § 1341, 16 U.S.C. § 1456, 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, 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 not violate 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. For purposes of this Order, the term "Applicant" shall mean the Wahkiakum County Public Works Department, its agents, assignees and contractors.
2. For purposes of this Order, all submittals required by its conditions shall be sent to Ecology's Headquarters Office, Attn: 401/CZM Federal Project Manager, P.O. Box 47600 Olympia, WA 98504-7600. Any submittals shall reference Order #5090 and Corps Reference # NWS-2007-0949-ENS.
3. Work authorized by this Order is limited to the work described in the Joint Aquatic Resource Protection Application (JARPA) received by Ecology on March 1, 2007. The Applicant will be out of compliance with this Order and must submit an updated JARPA if the information contained in the JARPA is voided by subsequent changes to the project not authorized by this Order.

4. Within 30 days of receipt of an updated JARPA, Ecology will determine if the revised project requires a new water quality certification and public notice or if a modification to this Order is required.
5. This Order does not exempt, and is provisional upon, compliance with other statutes and codes administered by federal, state, and local agencies.
6. Copies of this Order shall be kept 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.
7. The Applicant shall provide access to the project site upon request by Ecology personnel for site inspections, monitoring, necessary data collection, and/or to ensure that conditions of this Order are being met.
8. 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. Further, Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if additional impacts due to project construction or operation are identified (*e.g.*, violations of water quality standards, downstream erosion, etc.), or if additional conditions are necessary to further protect water quality.
9. 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 begins at the project.
10. This 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 Order.
11. Any person who fails to comply with any provision of this Order shall be liable for a penalty of up to ten thousand dollars (\$10,000) per violation for each day of continuing noncompliance.

**B. Water Quality Conditions:**

1. This Order does not authorize temporary exceedances of water quality standards beyond the limits established in WAC 173-201A-210(1)(e)(i)(D). Furthermore, nothing in this certification shall absolve the Applicant from liability for contamination and any subsequent cleanup or surface waters or sediments occurring as a result of project operations.

2. During and immediately after project completion, the Applicant or contractor shall visually monitor the area for distressed or dying fish. If distressed or dying fish are observed, in-water work shall cease immediately and the Applicant or the contractor shall contact Ecology at Ecology's Southwest Regional Spill Response Office at (360) 407-6300, a 24-hour number.

**C. Disposal of Dredged Material by Pipeline Dredge:**

1. Shoreline disposal operations as described in the JARPA indicate that dredged material will be placed waterward of the ordinary high water mark (OHWM). Once disposal is complete, the disposal site shall be regraded to an approximate slope of 10 to 15 percent, with no swales.
2. Impacts to riparian vegetation shall be avoided or minimized wherever possible.
3. Erosion control measures shall be implemented to prevent the wind erosion of dredged material back into the river.
4. 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 disposal area shall also be removed.
5. Disposal 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.
6. Natural habitat features of Columbia River shorelines include large woody debris (LWD) such as trees, logs, and stumps. Trees and logs are considered to be LWD if longer than 4 feet and greater than 12 inches in diameter. Whenever feasible, LWD shall be removed and set aside prior to the start of a shoreline disposal operation and then relocated on the shoreline or beach after the area is regraded. Consideration should be given to the placement of imported LWD to enhance habitat value and to help slow future erosion of the site.

**D. Timing Requirements:**

1. All in-water work shall be completed by the work window identified in the most current HPA 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 five (5) years from date of issuance. Continuing this project beyond the five (5) year term of this Order will require separate certifications every five years.

**E. Notification Requirements:**

1. The Applicant shall provide notice to Ecology's 401/CZM Federal Project Manager at thirty days (30) days prior to the start of construction .per condition A2 above. The notification shall include, the source of material to be disposed of and a contact and contact's phone number.
2. The Applicant shall provide notice to Ecology's 401/CZM Federal Project Manager within fourteen (14) days after completion of disposal at the project site per condition A2 above.

**F. 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 to Ecology's 401/CZM Federal Project Manager 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.

### **G. Appeal Process:**

You have a right to appeal this Order. To appeal this you must:

- File your appeal with the Pollution Control Hearings Board within 30 days of the “date of receipt” of this document. Filing means actual receipt by the Board during regular office hours
- Serve your appeal on the Department of Ecology within 30 days of the “date of receipt” of this document. Service may be accomplished by any of the procedures identified in WAC 371-08-305(10). “Date of receipt” is defined at RCW 43.21B.001(2).

Be sure to do the following:

- Include a copy of this document that you are appealing with your Notice of Appeal.
- Serve and file your appeal in paper form; electronic copies are not accepted.

#### **1. To file your appeal with the Pollution Control Hearings Board**

Mail appeal to:

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

OR

Deliver your appeal in person to:

The Pollution Control Hearings Board  
4224 – 6th Ave SE Rowe Six, Bldg 2  
Lacey, WA 98503

#### **2. To serve your appeal on the Department of Ecology**

Mail appeal to:

The Department of Ecology  
Appeals Coordinator  
P.O. Box 47608  
Olympia, WA 98504-7608

OR

Deliver your appeal in person to:

The Department of Ecology  
Appeals Coordinator  
300 Desmond Dr SE  
Lacey, WA 98503

#### **3. And send a copy of your appeal to:**

Helen Pressley  
Department of Ecology  
Headquarters Office  
PO Box 47600  
Olympia, WA 98504-7600

Order #5090, Corps No. NWS-2007-0949-ENS

October 5, 2007

Page 7 of 7

For additional information visit the Environmental Hearings Office Website:

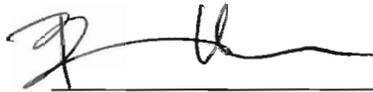
<http://www.eho.wa.gov>

To find laws and agency rules visit the Washington State Legislature Website:

<http://www1.leg.wa.gov/CodeReviser>

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320. These procedures are consistent with Ch. 43.21B RCW.

Dated Oct 5, 2007 at Lacey, Washington.



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Brenden McFarland, Section Manager  
Shorelands and Environmental Assistance Program  
Department of Ecology  
State of Washington

**ATTACHMENT A**

**Wahkiakum Public Works Department  
Ostervold Road Beach Nourishment Dredge Disposal  
Water Quality Certification Order #5090**

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

I have read and understand the conditions of Order #5090 Section 401 Water Quality Certification for the Wahkiakum Public Works Department project. I have also read and understand all permits, plans, documents, and approvals associated with the project referenced in this order.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title