



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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April 11, 2016

Northwest Alloys, Inc.
Attn: Mr. Mark Stiffler
201 Isabella St.
Pittsburgh PA15212

✓ Millennium Bulk Terminals-Longview, LLC.
Attn: Ms. Kristen Gaines
4029 Industrial Way
Longview WA 98632

RE: Water Quality Certification Order No. **13115** for Corps Public Notice No. NWS-2015-00324, Maintenance dredging, Cowlitz County, Washington

Dear Mr. Mark Stiffler and Ms. Kristen Gaines:

On April 20, 2015, Northwest Alloys and Millennium Bulk Terminals-Longview LLC 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 maintenance dredging in Cowlitz County, Washington.

The purpose of the project is to maintain adequate depths for berthing and navigation at the Northwest Alloys facility Dock 1 in Longview, Cowlitz 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, (360) 407-6076 or hpre461@ecy.wa.gov. The enclosed Order may be appealed by following the procedures described in the Order.

Sincerely,

Brenden McFarland
Shorelands and Environmental Assistance Program



Mr. Mark Stiffler
Ms. Kristen Gaines
April 11, 2016
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Enclosure

cc: Danette Guy, Corps of Engineers
Jon Gornick, Corps of Engineers
Ron Melin, Cowlitz County,
Melora Shelton, Grette Associates,
Glenn Grette, Grette Associates,
Steve West, WDFW,
Jan Hasselman, Earthjustice,
Lauren Goldberg, Columbia Riverkeeper
Matt Niles, DNR,
Jackie Wall, Nisqually Indian Tribe,
Beth S. Ginsberg, Stoel Rives,

by: certified mail 7015 0640 0006 1040 9999
7015 0640 0006 1041 0001

e-cc: ECY RE FEDPERMITS
Loree Randall – HQ, SEA
Rebecca Rothwell, SWRO
Helen Pressley, SEA HQ

IN THE MATTER OF GRANTING A)	ORDER #13115
WATER QUALITY)	Corps Reference No. NWS-2015-00324
CERTIFICATION TO)	Maintenance dredging of up to 50,000 cubic
Northwest Alloys, Inc. and Millennium)	yards of sediment annually at the NWA Dock 1
Bulk Terminals-Longview LLC)	Columbia River, Cowlitz County, Washington
in accordance with 33 U.S.C. 1341)	
(FWPCA § 401), RCW 90.48.120, RCW)	
90.48.260 and Chapter 173-201A WAC)	

TO: Northwest Alloys, Inc.
 Attn: Mr. Mark Stiffler
 201 Isabella St.
 Pittsburgh PA15212

Millennium Bulk Terminals-Longview, LLC.
 Attn: Ms. Kristen Gaines
 4029 Industrial Way
 Longview WA 98632

On April 20, 2015 Northwest Alloys (NWA) and Millennium Bulk Terminals-Longview (MBTL) 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 29, 2015.

The Applicants propose targeted maintenance dredging at the NWA Facility Dock 1. They are proposing to dredge as needed to -40ft CRD (with a 2-foot overdredge allowance) within the previously authorized dredged areas to maintain adequate berthing and navigation depths at Dock 1 (a 51 acre area). Once characterized up to 50,000¹ cy of material may be dredged annually using a barge-mounted mechanical clamshell dredge. Material will be loaded directly into a bottom-dump barge for transport to the approved flow lane disposal site.

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);

¹ The current Suitability Determination dated January 7, 2016 covers dredging in Area 1 (DMMU 1) of 20, 000cy of sediment. New suitability determination are required prior to dredging Areas 2 and 3 which could increase the volume to up to 50,000 cy.

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 Northwest Alloys, Inc. and Millennium Bulk Terminals-Longview LLC 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 fednotification@ecy.wa.gov. Any submittals shall reference Order #13115 and Corps Reference # NWS-2015-00324.
3. All notifications listed below shall be made via phone to Helen Pressley at 360-407-6076, or e-mail at fednotification@ecy.wa.gov. These notifications shall be identified with Order #13115 and include the Applicant's name, the project contact, and the contact's phone number.
 - a. At least ten (10) days prior to conducting initial in-water work activities for each in-water work window.
 - b. Within at least seven (7) days after completion of the in-water work for each in-water work window.

4. Work authorized by this Order is limited to the work described in the Joint Aquatic Resources Permit Application (JARPA) received by Ecology on April 20, 2015, 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 Corps permit to Ecology's 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, the 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, and mitigation sites 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 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 begins at the project.

14. 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.
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, except as otherwise authorized by this Order.
 - The area of mixing established for the project location is 300 feet downstream (down current) of 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 the 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 shall conduct water quality monitoring as described in the Water Quality Monitoring Plan, "NWA and MBTL 10 Year Maintenance Dredge Program, Year 1 Water Quality Plan" prepared by Grette Associates, dated February 16, 2016 (hereafter referred to as the "WQMP").

2. If changes to the WQMP are proposed at any time during the duration of this Order, the Applicant shall submit a revised plan to Ecology for review and approval. The Applicant shall allow at least a 14 day review time for Ecology. Following Ecology's approval, the Applicant shall implement the approved, updated WQMP.
3. 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. The current Suitability Determination (SDM) dated January 7, 2016 covers dredging in Area 1 (DMMU 1), which only allows 20,000 cy of sediment to be dredged at this time. New sampling and characterization shall be required before Areas 2 and 3 are authorized to be dredged, or if the cumulative dredging volume in Area 1 exceeds 20,000 cy. The Applicant shall submit a copy of the SDM for areas 2 and 3 to Ecology, for written approval prior to dredging those areas.
2. All dredging is to be done using a barge-mounted mechanical clamshell dredge. **Use of any other type of dredge requires preapproval from Ecology.**
3. All dredged material will be loaded directly into a bottom-dump barge for transport to the flowlane disposal site(s) as approved by the Portland District of the U.S. Army Corps of Engineers (Corps). **Use of any other type of disposal method or location requires preapproval by Ecology.**
4. For material being taken to the flowlane 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.
5. 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.
6. Dredged material shall not be stockpiled on a temporary or permanent basis below the ordinary high water line.
7. During dredging, the Applicant shall have a boat available on site at all times to retrieve debris from the water.
8. A pre-dredge meeting is required to be convened prior to the start of dredging each in-water work window. A **Dredging Plan** is required and shall be submitted to Ecology's Federal permit coordinator at the address shown in Condition A2 for review and approval a minimum of 2 weeks prior to the pre-dredge meeting.
9. Prior to each dredging cycle, the Applicant shall contact the DMMP agencies to determine whether additional sediment testing is required. If additional testing is

required, no dredging or disposal shall be conducted until the material has been tested and a suitability determination has been issued. This area ranks moderate in potential for contamination and the recency determination extends until August 2020. If needed contact the DMMO for a possible extension.

E. Timing Requirements:

1. All in-water work shall be completed during October 1 through December 31 of a given year. Any project changes that require work outside the in-water work window must be approved by Ecology.
2. This Order shall remain in effect for a period of 5 years from date of issuance. Continuing this project beyond the 5 year term of this Order will require an extension from Ecology. At least 6 months prior to the expiration of this Order the applicant shall notify Ecology (per A2) whether an extension is needed.

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 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 Hearing 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 both 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 Road 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
Headquarters, SEA Program

300 Desmond Drive
Lacey 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 April 11, 2016 at Olympia, Washington



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

ATTACHMENT A

**Water Quality Certification Order #13115
Northwest Alloys and Millennium Bulk Terminal - Longview
Statement of Understanding of
Water Quality Certification Conditions**

I have read and understand the conditions of Order #13115 Section 401 Water Quality Certification for the **Northwest Alloys and Millennium Bulk Terminal - Longview**. 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

