



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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November 6, 2014

Barb Aberle
Department of Transportation
Southwest Region
11018 Northeast 51st Circle
Vancouver, WA 98668

RE: Amendment to 401 Water Quality Certification Order #10732 for U.S. Army Corps of Engineers Reference #NWS-2013-801, US 12 0.8 West of Chapman Road Erosion Protection, Cowlitz River, Lewis County, Washington

Dear Ms. Aberle:

Enclosed is an amendment to Water Quality Certification Order # 10732, issued on May 22, 2014, for the above project.

As required by condition A.3 of Order #10732, your office submitted updated JARPA drawings and brief narrative, received on October 6, 2014, providing information on additional work proposed within the US 12 0.8 West of Chapman Road Erosion Protection project. We have completed our review of the information and amended Water Quality Certification Order #10732 authorizing the additional work. In order to reflect all the amendments that have been made to Order #10732 we are providing a strikeout version of the 401 Certification for your information.

If you have any questions, please contact Penny Kelley at 360-407-7298. The enclosed Amendment may be appealed by following the procedures described in the Amendment.

Sincerely,

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

by certified mail 7009 08200 0001 9056 0168



Barb Aberle
401 1st Amendment Order #10732
November 6, 2014

cc: Victor Khvoroff

e-cc: Sandi Manning, Corps of Engineers
Scott Brummer, WDFW
Mike Lisitza, NMFS
Kevin Workman, WSDOT
Kristen Andrews, WSDOT
Loree' Randall – HQ
ecyrefedpermits@ecy.wa.gov

IN THE MATTER OF GRANTING) ORDER #10732 First Amendment
A WATER QUALITY) Corps Reference No. NWS-2013-801
CERTIFICATION TO)
WA Department of Transportation)
In accordance with 33U.S.C. 1341)
(FWPCA §401), RCW 90.48.120, RCW)
90.48.260 and Chapter 173-201A WAC)

TO: WA Department of Transportation
Attn: Barb Aberle
110108 Northeast 51st Circle
Vancouver, WA 98668

On May 22, 2014, the Washington Department of Ecology (Ecology) issued a 401 Water Quality Certification to the Washington Department of Transportation (WSDOT) for the above-referenced project pursuant to the provisions of 33 U.S.C. 1341 (FWPCA § 401).

Ecology received notification on October 6, 2014 from WSDOT proposing additional work with the project. This work would be based on the need for possible emergency action that could occur between November of 2014 thru June of 2015 and prior to starting project construction.

Administrative Order No.10732 dated May 22, 2014 is hereby amended as follows:

The amendment is as follows

I. The following information was added to the project description:

Other proposed work includes emergency stabilization of the river bank, using the minimum amount of riprap needed, to protect US 12. This work will only be done based on the rivers proximity to US 12 within the WSDOT right of way starting in November of 2014 and ending at the start of project construction in June 2015.

II. The condition number B.1.a-d which reads:

Notification shall be made via phone or e-mail (e-mail is preferred) to Ecology's Federal Project Coordinator. Notifications shall be identified with Order No. 10732 and include the Applicants name, project name, project location, project contact and the contact's phone number.

- a. Immediately following a violation of state water quality standards, spill to waters of the state or when the project is out of compliance with any of this Orders conditions.
 - i. In addition to the phone or e-mail notification, the Applicant 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.

- 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 established in the most current HPA.
- d. At least seven (7) days within project completion

Is replaced with:

Notification shall be made via phone or e-mail (e-mail is preferred) to Ecology's Federal Project Coordinator. Notifications shall be identified with Order No. 10732 and include the Applicants name, project name, project location, project contact and the contact's phone number.

- a. Immediately following a violation of state water quality standards, spill to waters of the state or when the project is out of compliance with any of this Orders conditions.
 - i. In addition to the phone or e-mail notification, the Applicant 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.
- b. Within 24 hours of any emergency stabilization action, between November of 2014 and June 2015
- c. At least ten (10) days prior to all pre-construction meetings.
- d. At least ten (10) days prior to conducting initial in-water work activities for each in-water work window established in the most current HPA.
- e. At least seven (7) days within project completion

III. The condition number C.2 which reads:

In-water work is subject to a fishery closure window determined by Washington Department of Fish & Wildlife's Hydraulic Project Approval (HPA). All in-water work shall be completed within the work window identified in the most current HPA issued for this project.

Is replaced with:

In-water work is subject to a fishery closure window determined by Washington Department of Fish & Wildlife's Hydraulic Project Approval (HPA). All in-water work shall be completed within the work window identified in the most current HPA issued for this project, excluding any emergency stabilization work conducted within the time period starting November 2014 and ending at the start of project construction in June 2015.

IV. The condition number D.2 which reads:

This Order authorizes temporary turbidity mixing zones for the following activities per Table 1&2 below:

Table 1

Activity	Point of Compliance
Placement of LWD	2000
Slope Armoring	2000

Table 2

Activity	Point of Compliance
Barb Construction	2700
Installation & Removal of Turbidity Curtains	2700

Is replaced with:

This Order authorizes temporary turbidity mixing zones for the following activities per Table 1&2 below:

Table 1

Activity	Point of Compliance
Placement of LWD	2000
Non- Emergency Slope Armoring	2000

Table 2

Activity	Point of Compliance
Barb Construction	2700
Installation & Removal of Turbidity Curtains	2700

V. The condition D.3 a-f that reads:

The Applicant shall submit a Water Quality Monitoring and Protection Plan (WQMPP) to the Federal Project Coordinator for review and approval at least 20 days prior to beginning work for each activity below the ordinary high water line (OHWL), in-water and over-water. **Work is not authorized to begin until approval is received.** At a minimum, the WQMPP shall include:

- a. The names(s) and phone numbers (s) of the Pollution control inspector and the person responsible for on-site monitoring and report;

- b. The BMPs and procedures to be used to protect water quality during specific proposed below the ordinary high water mark, in-water and over-water activities;
- c. A water sampling plan for turbidity, which includes sample locations and frequency;
- d. Sampling locations for turbidity shall include, but are not limited to; background, half the distance to the point of compliance and at the point of compliance, unless otherwise approved by Ecology.
- e. A map with numbered or named sampling locations associated with the in-water work activities.
- f. Contingencies during in-water work activities

Is replaced with:

The Applicant shall submit a Water Quality Monitoring and Protection Plan (WQMPP) to the Federal Project Coordinator for review and approval at least 20 days prior to beginning work for each activity below the ordinary high water line (OHWL), in-water and over-water, **excluding emergency stabilization work**. **Work is not authorized to begin until approval is received.** At a minimum, the WQMPP shall include:

- a. The names(s) and phone numbers (s) of the Pollution control inspector and the person responsible for on-site monitoring and report;
- b. The BMPs and procedures to be used to protect water quality during specific proposed below the ordinary high water mark, in-water and over-water activities;
- c. A water sampling plan for turbidity, which includes sample locations and frequency;
- d. Sampling locations for turbidity shall include, but are not limited to; background, half the distance to the point of compliance and at the point of compliance, unless otherwise approved by Ecology.
- e. A map with numbered or named sampling locations associated with the in-water work activities.
- f. Contingencies during in-water work activities

VI. The condition E.18 that reads:

Bank protection material placed below OHWM shall not be end dumped from the river bank.

Is replaced with:

Bank protection material placed below OHWM **for the purpose of constructing a roughened log and rock revetment** shall not be end dumped from the river bank.

VII. The following condition E.19 is added:

End dumping riprap is allowed only in areas identified for emergency stabilization

No other conditions or requirements of the above-mentioned order are affected by this amendment.

Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest. Failure to comply with this amended Order may result in the issuance of civil penalties or other actions whether administrative or judicial, to enforce the terms of this amended Order.

YOUR RIGHT TO APPEAL

You have a right to appeal this Order to the Pollution Control 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 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

Dated this 6th day of November, 2014 at the Department of Ecology Lacey, Washington



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

November 6, 2014 – This document shows the conditions that have been amended or added since the original Order was issued. Therefore it is not the official certification and should only be used for informational purposes. Conditions modified or added in the 1st Amendment are highlighted in blue

IN THE MATTER OF GRANTING A)	ORDER # 10732
WATER QUALITY)	Corps Reference No. NWS-2013-801
CERTIFICATION TO)	Stabilize 1950 linear feet of the Cowlitz River
WA Department of Transportation)	bank by constructing a log and rock revetment
in accordance with 33 U.S.C. 1341)	with barbs. The project is located on US 12 at
(FWPCA § 401), RCW 90.48.120, RCW)	MP 118.20, in Lewis County, Washington.
90.48.260 and Chapter 173-201A WAC)	

WA Department of Transportation
Attn: Barb Aberle
11018 Northeast 51st Circle
Vancouver, WA 98668

On March 7, 2014, Ecology received a Joint Aquatic Resources Permit Application (JARPA) from the Washington Department of Transportation (WSDOT) requesting a 401 Water Quality Certification (WQC). The U.S. Army Corps of Engineers (Corps) issued a public notice for the project on March 18, 2014.

WSDOT is proposing to stabilize an eroding section of river bank on the Cowlitz River where it runs adjacent to, and is moving towards, US 12. The proposed work entails constructing a roughened log and rock revetment approximately 1950 linear feet with barbs incorporated into the revetment. The logs will be buried and roughened rock will be placed at the toe of the action area to form a 2:1 slope and protect the bank from further erosion. The barbs will be spaced approximately 200 feet apart to push the current away from the bank and reduce erosive power of the water. The top of the bank will be stabilized with riparian plantings consisting of a mix of native trees and shrubs. The project design is based on the Integrated Streambank Protection Guidelines developed by Washington Department of Fish & Wildlife, Department of Ecology, Department of Transportation, Department of Natural Resources, Interagency Committee for Outdoor Recreation, US Army Corps of Engineers and the US Fish & Wildlife Service.

Other proposed work includes emergency stabilization of the river bank, using the minimum amount of riprap needed, to protect US 12. This work will only be done based on the river's proximity to US 12 within the WSDOT right of way starting in November of 2014 and ending at the start of project construction in June 2015.

The project is located on US 12 at MP 118 within the town of Randle in Lewis County, WA.
Section 13 T12N R7E
Section 14 T12N R7E
WRIA 26 - Cowlitz

AUTHORITIES

In exercising authority under 33 U.S.C. § 1341, RCW 90.48.120, and RCW 90.48.260, Ecology has reviewed 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 comply with 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 WSDOT 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 certification absolves WSDOT from liability for contamination and any subsequent cleanup of surface waters, ground waters or sediments resulting from project construction or operations.

A. General Conditions

1. In this Order, the term "Applicant" shall mean the Washington State Department of Transportation and its agents, assignees, and contractors.
2. All submittals required by this Order shall be sent to Ecology's Headquarters Office, Attn: Federal Project Coordinator, P.O. Box 47600, Olympia, WA 98504 or via e-mail (preferred), if possible, to the Coordinator assigned to this project. The submittals shall be identified with Order No. 10732 and include the Applicant's name, project name, project location, the project contact and the contact's phone number.

3. Work authorized by this Order is limited to the work described in the JARPA received by Ecology on March 7, 2014. 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 any updated information, 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 shall be rescinded if the Corps of Engineers does not issue an individual Section 404 permit.
6. The Applicant shall send (per A.2.) a copy of the final individual Section 404 permit to Ecology's Federal Project Coordinator within two weeks of receiving it.
7. 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.
8. The Applicant shall provide access to the project site and all mitigation sites upon request by Ecology personnel for site inspections, monitoring, necessary data collection, and/or to ensure that conditions of this Order are being met.
9. 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 (*e.g.*, violations of water quality standards, downstream erosion, etc.), or if additional conditions are necessary to further protect water quality.
10. The Applicant 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 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 signatory that s/he has read and understands the conditions of this Order and the above-referenced permits, plans, documents and approvals. These statements shall be provided to Ecology before construction begins.
11. 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.
12. Failure of any person or entity to comply with the Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

B. Notification Requirements

1. Notification shall be made via phone or e-mail (e-mail is preferred) to Ecology's Federal Project Coordinator. Notifications shall be identified with Order No. 10732 and include the Applicants name, project name, project location, project contact and the contact's phone number.
 - a. Immediately following a violation of state water quality standards, spill to waters of the state or when the project is out of compliance with any of this Orders conditions.
 - i. In addition to the phone or e-mail notification, the Applicant 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.
 - b. Within 24 hours of any emergency stabilization action, between November of 2014 and June 2015
 - c. At least ten (10) days prior to all pre-construction meetings.
 - d. At least ten (10) days prior to conducting initial in-water work activities for each in-water work window established in the most current HPA.
 - e. At least seven (7) days within project completion.

C. Timing

1. This Order will expire five (5) years from the date of issuance of the Corps permit.
2. In-water work is subject to a fishery closure window determined by Washington Department of Fish & Wildlife's Hydraulic Project Approval (HPA). All in-water work shall be completed within the work window identified in the most current HPA issued for this project, excluding any emergency stabilization work conducted within the time period starting November 2014 and ending at the start of project construction in June 2015.

D. Water Quality Monitoring & Criteria

1. Cowlitz River is categorized as Core Summer Habitat and the criteria of the categorization apply as described in WAC 173-201A-200 (1).
2. This Order authorizes temporary turbidity mixing zones for the following activities per Table 1&2 below:

Table 1

Activity	Point of Compliance
----------	---------------------

Placement of LWD	2000
Non- Emergency Slope Armoring	2000

Table 2

Activity	Point of Compliance
Barb Construction	2700
Installation & Removal of Turbidity Curtains	2700

3. The Applicant shall submit a Water Quality Monitoring and Protection Plan (WQMPP) to the Federal Project Coordinator for review and approval at least 20 days prior to beginning work for each activity below the ordinary high water line (OHWL), in-water and over-water, **excluding emergency stabilization work. Work is not authorized to begin until approval is received.** At a minimum, the WQMPP shall include:
 - a. The names(s) and phone numbers (s) of the Pollution control inspector and the person responsible for on-site monitoring and report;
 - b. The BMPs and procedures to be used to protect water quality during specific proposed below the ordinary high water mark, in-water and over-water activities;
 - c. A water sampling plan for turbidity, which includes sample locations and frequency;
 - d. Sampling locations for turbidity shall include, but are not limited to; background, half the distance to the point of compliance and at the point of compliance, unless otherwise approved by Ecology.
 - e. A map with numbered or named sampling locations associated with the in-water work activities.
 - f. Contingencies during in-water work activities
3. Ecology must approve, in writing, any changes or additions to the WQMPP.
4. Monitoring results shall be submitted monthly to the Ecology Federal Project Coordinator, per condition A.2.
5. Mitigation and/or additional monitoring may be required if the monitoring results indicate that the water quality standards have not been met.

E. Construction

General Conditions

1. The Applicant shall comply with the conditions of the current Construction Stormwater Permit (National Pollutant Discharge Elimination System – NPDES) issued for this project.

2. Within the project limits¹ all environmentally sensitive areas including, but not limited to, wetlands, wetland buffers, and mitigation areas shall be fenced with high visibility construction (HVF) prior to commencing construction activities. Construction activities include equipment staging, materials storage, and work vehicle parking. *Note: This condition does not apply to activities such as pre-construction surveying and installing HVF and construction zone signage.*
 - a. All field staff shall be trained to recognize HVF, understand its purpose and properly install it in the appropriate locations.
 - b. HVF shall be maintained until all work is completed for each project or each stage of a staged project.
3. All clearing limits, stockpiles, staging areas, and trees to be preserved shall clearly be marked prior to commencing construction activities and maintained until all work is completed for each project.
4. No petroleum products, fresh concrete, lime or concrete, chemicals, or other toxic or deleterious materials shall be allowed to enter waters of the state.
5. All construction debris, excess sediment, and other solid waste material shall be properly managed and disposed of in an upland disposal site approved by the appropriate regulatory authority.
6. Turbid de-watering water associated with in-water work shall not be discharged directly to waters of the state, including wetlands. Turbid de-watering water shall be routed to an upland area for on-site or off-site settling.
7. Clean de-watering water associated with in-water work that has been tested and confirmed to meet water quality standards may be discharged directly to waters of the state including wetlands. The discharge outfall method shall be designed and operated so as not to cause erosion or scour in the stream channel, banks, or vegetation.
8. All equipment being used below the ordinary high water mark shall utilize bio-degradable hydraulic fluid.

Equipment & Maintenance

9. Staging areas will be located a minimum of 50 feet and, where practical, 200 feet, from waters of the state including wetlands. If a staging area must be located within 50 feet of waters of the state, then the Applicant shall provide a written explanation and obtain approval from Ecology's Federal Permit Coordinator before placing the staging area in the setback area.

¹ Project limits include mitigation sites, staging areas, borrow sources, and other sites developed or used to support project construction.

10. Equipment used for this project shall be free of external petroleum-based products while used around the waters of the state, including wetlands. Accumulation of soils or debris shall be removed from the drive mechanisms (wheels, tires, tracks, etc.) and the undercarriage of equipment prior to its use around waters of the state, including wetlands.
11. No equipment shall enter, operate, be stored or parked within any sensitive area except as specifically provided for in this Order or allowed in the HPA.
12. Equipment shall not be parked overnight on the bank of the river but shall be moved back from the river bank a minimum of 50 feet towards US 12.
13. 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.
14. Wash water containing oils, grease, or other hazardous materials resulting from wash down of equipment or working areas shall not be discharged into state waters. The Applicant shall set up a designated area for washing down equipment.

Bank Stabilization

15. Rock used to construct the barbs and gravel filter shall be clean and free of excess sediment.
16. Turbidity curtains shall be placed in a manner that minimizes disturbance of the river bed and sediment
17. Prior to returning river flow to the de-watered work area, all proposed bank protection measures shall be in place.
18. Bank protection material placed below OHWM for the purpose of constructing a roughened log and rock revetment shall not be end dumped from the river bank.
19. End dumping riprap is allowed only in areas identified for emergency stabilization between November 2014 and before construction starts in June 2015.

F. Emergency/Contingency Measures

1. The Applicant shall develop and implement a spill prevention and containment plan for this project and shall have spill cleanup material available on site at all times during construction.
2. Work that is out of compliance with the provisions of this Order, conditions causing distressed or dying fish, 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 Applicant shall comply with WSDOT's most current Environmental

Compliance Assurance Procedure for Construction Project and Activities, notify the Ecology Project Coordinator per condition B.1.a. 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/or 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 at 360-407-6300 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.
3. Notify Ecology's Regional Spill Response Office immediately (360-407-6300) 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.

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

CONTACT INFORMATION

Please direct all questions about this Order to:

Penny Kelley
Department of Ecology
P.O. Box 47600
Olympia, WA 98503-7600
360-407-7298
pkel461@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 Washington Administrative Code (WAC) Sediment Management Standards**
<http://www.ecy.wa.gov/biblio/wac173204.html>
- **Chapter 173-200 WAC Water Quality Standards for Ground Waters of the State of Washington**
<http://www.ecy.wa.gov/biblio/wac173200.html>
- **Chapter 173-201A WAC Water Quality Standards for Surface Waters of the State of Washington**
<http://www.ecy.wa.gov/biblio/wac173201A.html>