



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
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December 3, 2013

US Army Corps of Engineers, Seattle District
Attn: Hannah Hadley, Environmental Coordinator
PO Box 3755
Seattle WA 98124-3755

RE: Water Quality Certification - Order #10394/ Public Notice # CENWS-OD-TS-NS-51
Maintenance Dredging in the Lower Duwamish Waterway Navigational Channel at the
Spokane Street Bridge in Seattle, King County, Washington.

Dear Ms. Hadley:

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.

If you have any questions concerning the content of this letter, please contact Laura Inouye at (360) 407-6165.

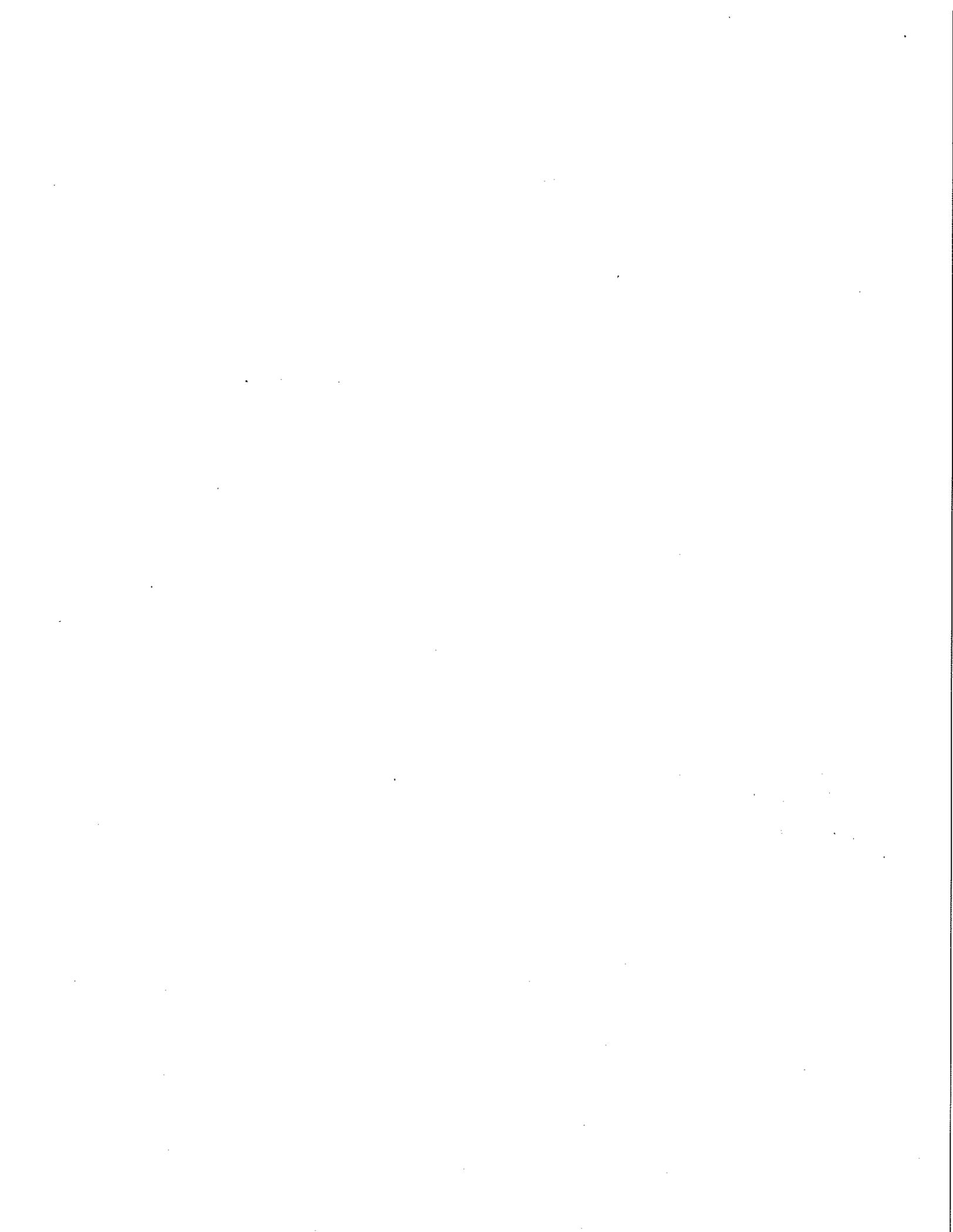
Sincerely,

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

cc: Laura Arbor, WDFW
DMMP@dnr.wa.gov

ecc: Loree' Randall, Ecology
Laura Inouye, Ecology
ecyrefedpermits@ecy.wa.gov





IN THE MATTER OF GRANTING A) ORDER #10394
WATER QUALITY) Corps Reference No. CENWS-OD-TS-NS-51
CERTIFICATION TO) Maintenance Dredging in the Lower Duwamish
US Army Corps of Engineers) Waterway Navigational Channel at the Spokane
in accordance with 33 U.S.C. 1341) Street Bridge in Seattle, King County,
(FWPCA § 401), RCW 90.48.120, RCW) Washington.
90.48.260 and Chapter 173-201A WAC)

TO: US Army Corps of Engineers, Seattle District
Attn: Hannah Hadley, Environmental Coordinator
P.O. Box 3755
Seattle, WA 98124-3755

On September 20, 2013 the US Army Corps of Engineers (Corps) submitted a Joint Aquatic Resources Permit Application (JARPA) to the Department of Ecology (Ecology) requesting a Section 401 Water Quality Certification. A public notice regarding the request was distributed by Ecology for the above-referenced project pursuant to the provisions of Chapter 173-225 WAC on October 29, 2013.

The Corps is proposing to dredge approximately 4,000 cubic yards of material from within the Lower Duwamish Waterway Federal navigation channel and the material will be disposed at the Elliott Bay open water disposal site. The location of the work site is partially beneath the Spokane Street Bridge along the wing wall that protects the bridge footing. The project is to remove shoaling that has occurred along the wing wall and protrudes into the navigation channel. The Shoal is about 400 feet long and 30 feet wide (protrudes 30 feet into the navigation channel) and is about 12,000 square feet in plan area.

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 US Army Corps of Engineers (Corps) 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 lino461@ecy.wa.gov. Any submittals shall reference Order #10394 and Corps Reference # CENWS-OD-TS-NS-51.
3. All notifications listed below shall be made via phone to name of Laura Inouye, 360-407-6165, or e-mail at lino461@ecy.wa.gov. These notifications shall be identified with Order #10394 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.
4. Work authorized by this Order is limited to the work described in the Joint Aquatic Resources Permit Application (JARPA) received by Ecology on September 20, 2013, 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. 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. 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.
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 or if additional conditions are necessary to further protect water quality.
10. 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.
11. 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.
12. 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.
13. 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.

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:

- The area of mixing established for marine waters is a 150 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 150 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 follow the Ecology approved water quality monitoring plan that was submitted on December 3, 2013.
2. 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 clamshell bucket dredge. **Use of any other type of dredge requires preapproval from Ecology.**
2. All dredged material will be disposed of the Elliott Bay open water disposal site. **Use of any other type of disposal method or location requires preapproval by Ecology.**
3. For material being taken to open water 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. Dredged material shall not be stockpiled on a temporary or permanent basis below the ordinary high water line.
6. During dredging, the Applicant shall have a boat available on site at all times to retrieve debris from the water.
7. A pre-dredge meeting is required to 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.

8. This material has been tested and a suitability determination has been issued. This area ranks high in potential for contamination and the recency determination extends until October 2014.

E. Timing Requirements:

1. All in-water work shall be completed between December 1, 2013 and February 15, 2014.
2. This Order shall remain in effect for a period of 1 year from date of issuance. Continuing this project beyond the 1 year term of this Order will require separate certifications every 1 year.

F. Notification Requirements:

1. The Applicant shall provide notice to Ecology's 401/CZM Federal permit coordinator at least 7 days prior to the start of dredging and within 14 days after completion of dredging at the project site. Notification should be made using all the information required in Condition A2.

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) 407-6165.
 - 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 |
|---|--|
| <p>Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503</p> | <p>Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608</p> |
| <p>Pollution Control Hearings Board 1111 Israel Road SW STE 301 Tumwater, WA 98501</p> | <p>Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903</p> |

Order #10394, Corps No.CENWS-OD-TS-NS-51
Spokane Street Bridge Corps Dredging
December 3, 2013
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SIGNATURE

Dated this 3rd day of December 2013 at the Department of Ecology, Lacey Washington



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

CONTACT INFORMATION

Please direct all questions about this Order to:

Laura Inouye
Department of Ecology
P.O. Box 47600
Olympia, WA 98503-7600
360-407-6165
lino461@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 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington

www.ecy.wa.gov/biblio/wac173200.html

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

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

ATTACHMENT A

**US Army Corps of Engineers
Spokane Street Bridge Corps Dredging
Water Quality Certification Order #10394**

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

I have read and understand the conditions of Order #10394 Section 401 Water Quality Certification for the Spokane Street Bridge Corps Dredging. 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

