



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

July 13, 2012

Pierce County Public Works and Utilities,  
Surface Water Management  
ATTN: Mr. Tony Fantello  
2702 South 42<sup>nd</sup> Street, Suite 201  
Tacoma, WA 98409-7322

RE: Water Quality Certification Order No. **9278**, Corps Reference No. **NWS-2011-297**; for the Rody Creek Interim Capacity Maintenance Project; Rody Creek, Pierce County, Washington

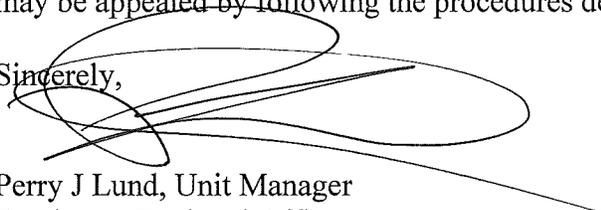
Dear Mr. Fantello:

On April 1, 2011, Pierce County Public Works and Utilities, Surface Water Management submitted a Joint Aquatic Resource Permit Application (JARPA) to the Department of Ecology (Ecology) for a Section 401 Water Quality Certification (401 Certification) under the federal Clean Water Act for the proposed Rody Creek Interim Capacity Maintenance Project. The purpose of this project is to temporarily increase the channel capacity of Rody Creek at the project location to protect the adjacent properties from flooding during high flow events.

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 Lori Ochoa at (360) 407-6926. The enclosed Order may be appealed by following the procedures described in the Order.

Sincerely,



Perry J Lund, Unit Manager  
Southwest Regional Office  
Shorelands and Environmental Assistance Program

Enclosure

By Certified Mail 7011 1150 0000 7881 8794

cc: Jacalen Printz, Corps of Engineers  
Marty Ehreth, Pierce County  
Gina Piazza, WDFW



e-cc: ECY RE FED PERMITS  
Loree' Randall, Ecology/HQ  
Alex Callender, Ecology/SWRO/SEA  
Deb Cornett, Ecology/SWRO/WQ  
Lori Ochoa, Ecology/SWRO/SEA

**IN THE MATTER OF GRANTING A ) ORDER # 9278**  
**WATER QUALITY )**  
**CERTIFICATION TO ) Rody Creek Interim Capacity Maintenance**  
**Pierce County Public Works and ) Project, Rody Creek,**  
**Utilities, Surface Water Management ) Pierce 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:** Pierce County Public Works and Utilities  
Surface Water Management  
ATTN: Mr. Tony Fantello  
2702 South 42<sup>nd</sup> Street, Suite 201  
Tacoma, WA 98409-7322

On April 1, 2011, Pierce County Public Works and Utilities 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 the Corps of Engineers on July 25, 2011 for the above-referenced project pursuant to the provisions of Chapter 173-225 WAC.

The project proposes to excavate up to 630 cubic yards of streambed sediment from Rody Creek in a segment from Pioneer Way East to approximately 400 feet downstream. The project will lay back the slopes of the stream to increase channel conveyance capacity and provide more bank stability in and adjacent to Rody Creek. The lower end of the culvert under Pioneer Way East will be repaired and the riprap armor will be replaced.

The project will temporarily impact up to 4,800 square feet of category IV wetlands. Channel restoration and riparian planting will follow the excavation activity. A wetland area of approximately 5,800 square feet at the project site will be rehabilitated by replanting the area with native plant species.

The proposed project is located in unincorporated Pierce County where Rody Creek intersects with Pioneer Way East at approximately 5929 Pioneer Way East, Puyallup, Pierce County, Washington; NW 1/4 of Section 30, Township 20 North, Range 4 East; WRIA 10, Puyallup-White Watershed.

**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, 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 Pierce County Public Works and Utilities, Surface Water Management, and its agents, assignees and contractors.
2. For purposes of this Order, all submittals required by its conditions shall be sent to Ecology's Southwest Regional Office Attn: Federal Permit Manager, P.O. Box 47775, Olympia, WA 98504-7775 or by e-mail to [loch461@ecy.wa.gov](mailto:loch461@ecy.wa.gov). Any submittals shall reference Order No. 9278 and Corps No. NWS- 2011-297.
3. Work authorized by this Order is limited to the work described in the JARPA received by Ecology on April 1, 2011 and the *Rody Creek Interim Capacity Maintenance Project Vegetation Monitoring Plan* dated May 2012. The Applicant will be out of compliance with this Order and must reapply with an updated application 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 shall be rescinded if the U.S. Army Corps of Engineers does not issue a Section 404 permit.
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. 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.
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 permit, plans, documents, and approvals. These statements shall be provided to Ecology before construction begins at the project site.
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. 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-200(1)(e).
2. Rody Creek is a tributary to Clarks Creek which is classified as "Core Summer Salmonid Habitat" and the criteria of that class apply except as specifically modified by this Order.
3. For this project, the following is considered to be an exceedance of the standard:
  - a. 5NTU over background conditions when the background is 50 NTU or less; or a 10-percent increase in turbidity when the background is more than 50 NTU.
4. During and immediately after project construction, the Applicant or their contractor shall monitor for turbidity discharges at the point of compliance as specified in WAC 173-

201A-200(1)(e)(i). A turbidimeter is recommended, however, visual gauging of turbidity is acceptable.

5. If water quality exceedances are detected outside of the point of compliance, work shall cease immediately and the Applicant or the contractor shall assess the cause of the water quality problem and take immediate action to stop, contain, correct the problem and/or prevent further water quality turbidity exceedances. If an exceedance occurs, the Applicant shall follow the protocols and notification procedures below:
  - a. Notification of exceedances that are detected through water quality monitoring shall be made to Ecology within 24 hours of occurrence. Notification shall be made per Condition A2 above. The Applicant shall, at a minimum, provide Ecology with the following information:
    - i. A description of the nature and cause of exceedance;
    - ii. The period of the exceedance, including exact dates, duration, and times and/or the anticipated time when the Applicant will return to compliance; and
    - iii. The steps taken, or to be taken, to reduce, eliminate, and prevent recurrence of the exceedance.
    - iv. In addition, within five (5) days after notification of an exceedance, the Applicant shall submit a written report to Ecology that describes the nature of the exceedance(s), corrective action taken and/or planned, steps to be taken to prevent a recurrence, photographs, and any other pertinent information.
  - b. Mitigation and/or additional monitoring may be required as a result of the exceedance(s).

**C. Timing Requirements:**

1. This Order shall remain in effect for a period of 10 years from the date of issuance.
2. All in-water work shall be completed by the work window identified in the most current Hydraulic Project Approval (HPA) issued for this project. Any project change that requires a new or revised HPA should also be sent to Ecology for review.

**D. Notification Requirements:**

1. The Applicant shall provide a copy of the final Corps Permit to Ecology's Southwest Regional Office Federal Permit Manager, in accordance with condition A.2 above, within two (2) weeks of receipt of the permit.
2. Written notification (FAX, e-mail, or mail) shall be made to Ecology's Southwest Regional Office Federal Permit Manager in accordance with condition A.2 above for the following activities:
  - a. At least ten (10) days prior to the onset of in-water work (including wetlands) in each construction season.
  - b. Within ten (10) days after completion of construction for each project season.
  - c. Immediately following a violation of the state water quality standards or any condition of this Order.

3. If project construction is not completed within 13 months of issuance of this Order, the Applicant shall submit a written construction status report. Status reports shall be submitted every 12 months thereafter until project construction is complete.

**NOTE:** These notifications shall include the Applicant's name, project name, project location, the number of this Order, contact and contact's phone number.

**E. Construction Conditions:**

1. All work in and near the water shall be done so as to minimize turbidity, erosion, and other water quality impacts.
2. No petroleum products, chemicals, or other toxic or deleterious materials shall be allowed to enter waters of the state.
3. All construction debris, excess sediment, or deleterious material resulting from project construction shall be properly contained and disposed of at an approved upland location so that it cannot enter waters of the state.
4. All work within the project limits shall be clearly marked/staked prior to construction. Clearing limits, travel corridors and stockpile sites shall be clearly marked. Sensitive areas and buffers that are to be protected from disturbance shall be marked so as to be clearly visible to equipment operators. All project staff shall be trained to recognize construction fencing or flagging that identifies sensitive area boundaries. Equipment shall enter and operate within the marked clearing limits corridors and stockpile areas.
5. Erosion and sediment control devices (filter or silt fences, etc.) and other BMP's intended to trap sediment on site shall be in place before starting project construction and shall be maintained throughout construction until the site is stabilized.

**Equipment, Staging and Maintenance Areas:**

6. Staging areas will be located a minimum of 50 feet, and where practical, 150 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 Manager before placing the staging area within the setback area.
7. Machinery and equipment used for this project shall be free of external petroleum-based products while used around waters of the state including wetlands and during the installation and removal of the river diversion system. Accumulation of soils or debris shall be removed from the drive mechanism (wheels, tires, tracks, etc.) and the undercarriage of equipment prior to its use around waters of the state, including wetlands and during the installation and removal of the river diversion system.
8. All machinery and equipment used for project construction shall be serviced, fueled, and maintained in a confined area in order to prevent contamination to waters of the state. Fueling areas shall be located a minimum of 50 feet from waters of the state, including wetlands and shall be provided with adequate spill containment.
9. All equipment used below the ordinary high water line shall utilize bio-degradable hydraulic fluid and shall be checked daily for drips or leaks.
10. Wash water containing oils, grease, or other hazardous materials resulting from wash down of equipment shall be contained for proper disposal, and shall not be discharged

into waters of the state. The Applicant shall establish a separate contained area for washing down vehicles and equipment, which does not have any possibility of draining to surface waters and wetlands.

**Temporary Diversion and Channel Construction:**

11. A temporary bypass to divert flow around the work area shall be in place prior to initiation of other work in the wetted perimeter.
12. The temporary diversion shall be of sufficient size to pass all flows and debris.
13. The stream diversion system shall be designed and operated so as not to cause erosion in the stream channel or on the banks of the waterbody in which the work is being conducted.
14. The temporary diversion shall be constructed of non-erosive materials and installed to divert the entire flow through the bypass or around the isolated work area.
15. As needed, a temporary diversion constructed of non-erosive material shall be installed at the downstream end of the bypass to prevent backwater from entering the work area.
16. Under no circumstances shall a blockage to stream flow or fish passage be created.
17. Bank protection material shall not constrict the flow and cause any appreciable increase (not to exceed 0.2 feet) in backwater elevation (calculated at the 100-year flood) or channel-wide scour.
18. Turbid dewatering water, associated with in-water work, shall not be discharged directly into waters of the state, including wetlands. Turbid de-watering water shall be routed to an upland area for on-site or off-site settling.
19. 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 water of the state including wetlands. The discharge outfall method shall be designed and operated so as not to cause erosion or scour of the river channel, banks, or vegetation.
20. If a pump is used for diverting water, it shall be screened with a 1/8 -inch mesh to prevent fish from entering the system. The screen shall remain in place whenever water is withdrawn through the pump intake.
21. Prior to returning river flow to the work area, all bank protection measures shall be in place.
22. Re-introduction of water into the isolated work areas shall be done gradually, and at a rate not higher than the normal river flow, in order to minimize the mobilization of sediments and fines into downstream waters.
23. Upon completion of the project, all material used in the temporary diversion shall be removed from the site.

**F. Wetland Conditions:**

1. The Applicant shall mitigate for the temporary wetland impacts as described in the *Rody Creek Interim Capacity Maintenance Project Vegetation Monitoring Plan* (hereafter referred to as the "Vegetation Monitoring Plan") dated May 2012, except as modified in the Order or revised and approved by Ecology.

2. The Applicant shall submit any changes to this document in writing to Ecology (per Condition A.2. above) for review and approval before work begins.
3. If the mitigation planting cannot be completed within 13 months of the date of this Order, the Applicant shall inform Ecology, in writing, of the status of the Rody Creek Interim Capacity Maintenance Project.

With the:

- a. Reason for the delay.
- b. Expected date of completion.

The Applicant shall submit an updated written notification every 12 months thereafter until the Rody Creek Interim Capacity Maintenance Project and wetland rehabilitation is complete.

4. The Applicant shall ensure that all excess excavated site material is disposed of in an appropriate location outside of wetlands and their buffers at the site and above the 100-year floodplain
5. The Applicant shall ensure that no construction debris or other material is stockpiled within existing wetlands and their buffers at the project site at any time, unless provided for in the Ecology-approved vegetation Monitoring Plan.
6. The Applicant shall not use polyacrylamide on exposed or disturbed soil at the site.
7. The Applicant shall not use hay or straw on exposed or disturbed soil at the site.
8. If weed-barrier fabric is used on the site, the Applicant shall use only permeable, fully biodegradable, non-toxic weed-barrier fabric for entire-site and/or individual plant weed control. Non-biodegradable plastic weed-barrier fabric shall be used only at the base of individual plants and shall be removed before it starts to break down, before it interferes with plant growth, or before the end of the monitoring period, whichever comes first.
9. If seeding is used for re-planting at the site, the seed mix must contain only native, annual, non-invasive plant species.
10. Within 90 days of completing the re-planting at the project site, the Applicant shall submit to Ecology (per Condition A.2. above) one hard copy and one electronic file of the final as-built report including maps. The as-built report must:
  - a. Document site conditions at Year Zero.
  - b. Include the information listed in Attachment B (Information Required for As-built Reports).

### **Monitoring and Maintenance**

11. The Applicant shall water and maintain all site plantings so as to meet the vegetation Monitoring Plan's performance standards.
12. The Applicant shall monitor the re-planted site for a minimum of 10 years. The Applicant shall use the monitoring methods described on page(s) 2-4 of the Vegetation Monitoring Plan.

13. The Applicant shall submit to Ecology (see A.2) one hard and one electronic copy of monitoring reports documenting mitigation site conditions for years 1, 3, 5, 7, and 10. At a minimum, the reports must contain the information in Attachment C (Information Required for Monitoring Reports). The Applicant shall submit the first monitoring report 12 months after completing the re-planting of the project site.
14. The Applicant shall implement the Vegetation Monitoring Plan's contingency measures if the Mitigation Plan's goals, objectives, or performance standards are not being met.
15. Prior to implementing contingency measures not specified in the Vegetation Monitoring Plan, the Applicant shall consult with and obtain written approval from Ecology for the changes.
16. When necessary to meet the performance standards, the Applicant shall replace dead or dying plants with the same species, or an appropriate native plant alternative, during the first available planting season and note species, numbers, and approximate locations of all replacement plants in the subsequent monitoring report.
17. If the Applicant has not met all conditions and performance standards for the mitigation site at the end of the monitoring period, Ecology may require additional monitoring, additional mitigation, or both.
18. Until the Applicant has received written notice from Ecology that the Vegetation Monitoring Plan has been fully implemented, the Applicant's obligation under Condition D.1 to mitigate for wetland impacts is not met.

**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, including wetlands, 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 at the location of 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 Federal Project Manager at 360-407-6926.
  - 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 daily for drips or leaks, and shall be maintained and stored properly to prevent spills into waters of the state, 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 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><b>Department of Ecology</b>            Attn: Appeals Processing Desk            300 Desmond Drive SE            Lacey, WA 98503</p>	<p><b>Department of Ecology</b>            Attn: Appeals Processing Desk            PO Box 47608            Olympia, WA 98504-7608</p>
<p><b>Pollution Control Hearings Board</b>            1111 Israel Rd SW            STE 301            Tumwater, WA 98501</p>	<p><b>Pollution Control Hearings Board</b>            PO Box 40903            Olympia, WA 98504-0903</p>

## CONTACT INFORMATION

Please direct all questions about this Order to:

Lori Ochoa  
Department of Ecology  
Southwest Regional Office  
P.O. Box 47775  
Olympia, WA 98504-7775  
loch461@ecy.wa.gov

## MORE INFORMATION

**Pollution Control Hearings Board Website**  
[www.eho.wa.gov/Boards\\_PCHB.aspx](http://www.eho.wa.gov/Boards_PCHB.aspx)

**Chapter 43.21B RCW - Environmental Hearings Office – Pollution Control Hearings Board**

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

**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](http://www.ecy.wa.gov/biblio/wac173204.html)

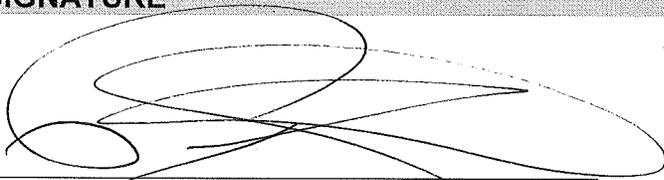
**Chapter 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington**

[www.ecy.wa.gov/biblio/wac173200.html](http://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](http://www.ecy.wa.gov/biblio/wac173201A.html)

## SIGNATURE



Perry J. Lund, Unit Manager  
Shorelands and Environmental Assistance Program  
Southwest Regional Office  
Department of Ecology

Date

7/12/2012

**Attachment # A**

Pierce County Public Works and Utilities  
Surface Water Management  
Rody Creek Interim Capacity Maintenance Project  
Order # **9278**

Statement of Understanding  
Water Quality Certification Conditions

I, \_\_\_\_\_, state that, I will be involved as an agent or contractor for the Pierce County Public Works and Utilities, Surface Water Management in the construction of the Rody Creek Interim Capacity Maintenance Project at approximately 5929 Pioneer Way East, Puyallup, Pierce County, Washington. I further state that I have read and understand the relevant conditions of the Washington Department of Ecology Water Quality Certification Order #**9278** and the applicable permits and approvals referenced therein which pertain to the project-related work for which I am responsible.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Company



**Attachment B**  
**Information Required for As-built Reports**  
**(See Condition F.10.b)**

Rody Creek Interim Capacity Maintenance Project  
Pierce Clark County Public Works and Utilities  
Surface Water Management  
Water Quality Certification Order #9278  
and  
Corps Reference #NWS-2011-297

**Background Information**

- 1) Project name.
- 2) Ecology docket number and the Corps reference number.
- 3) Name and contact information for the parties responsible for the mitigation site, including:
  - a) The applicant.
  - b) The landowner.
  - c) Wetland professional on site during construction of the compensatory mitigation site.
- 4) Name and contact information for the party responsible for preparing the report.
- 5) Who the report was prepared for (name, address, and phone number) *{if different from number 3 above.}*
- 6) Month and year the report was produced.

**The Development (Impact) Site**

- 7) Brief description of the development project (impact site). Include:
  - a) Directions to the site.
  - b) Month and year construction of the development project started and ended.
  - c) Area (acres) and type(s) (rating category, HGM classification, and Cowardin classification) of wetlands that were **actually** impacted by the development project, including temporary impacts.

**The Compensatory Mitigation Project**

- 8) Brief description of the **final** compensatory mitigation project with any changes from the approved plan made during construction. Include:
  - a) Directions to the site.
  - b) Who completed the compensatory mitigation project (name, address, and phone number).
  - c) Actual acreage and type(s) (re-establishment, rehabilitation, creation, enhancement, and preservation) of mitigation authorized to compensate for wetland impacts.
  - d) Important dates, including:
    - i. Month and year the wetland impacts occurred.
    - ii. When work on the compensatory mitigation site began and ended.
    - iii. When different activities began and ended, such as grading, removal of invasive plants, installing plants, and installing habitat features.

- 9) Description of any problems encountered and solutions implemented (with reasons for changes) during construction of the compensatory mitigation site.
- 10) Any changes to the goals, objectives, or performance standards of the compensatory mitigation project.
- 11) List of any follow-up actions needed, with a schedule.
- 12) Final site maps (8 1/2" x 11" or larger) of the compensatory mitigation site, including the following (at a minimum):
  - a) Geographic location of the site with landmarks;
  - b) Clear delineation of the project perimeter(s);
  - c) Topography (with a description of how elevations were determined);
  - d) Installed planting scheme (quantities, densities, sizes, and approximate locations of plants, as well as the source(s) of plant material);
  - e) Location of habitat features;
  - f) Location of permanent photo stations.

The final site maps should reflect on-the-ground conditions after the site work is completed. Include the month and year when the maps were produced and, if applicable, when information was collected.
- 13) Photographs of the site at as-built conditions taken from permanent photo stations. We recommend photo pans.
- 14) Copies of any records of deed notifications or conservation easements.

**Attachment C**  
**Information Required for Monitoring Reports**  
**(See Condition F.13)**

Rody Creek Interim Capacity Maintenance Project  
Pierce County Public Works and Utilities, Surface Water Management  
Water Quality Certification Order #9278  
and  
Corps Reference #NWS-2011-297

Ecology requires the following information for monitoring reports submitted under this Order. Ecology will accept additional information that may be required by other regulators.

**Background Information**

- 1) Project name.
- 2) Ecology docket number and Corps reference number.
- 3) Name and contact information of the parties responsible for the mitigation site, including:
  - a) The applicant.
  - b) The landowner.
- 4) Name and contact information for the party responsible for the monitoring activities and report.
- 5) Whom the report was prepared for (name, address, and phone number) *{if different from number 3 above}*.
- 6) Month and year the monitoring data were collected.
- 7) Month and year the report was produced.

**Mitigation Project Information**

- 8) Brief description of the mitigation project, including:
  - a) Directions to the site.
  - b) Acreage and type(s) (re-establishment, rehabilitation, creation, enhancement, and preservation) of mitigation authorized to compensate for wetland impacts.
- 9) Brief description of monitoring approach and methods.
- 10) A list of the goals and objectives for the mitigation project.
- 11) Summary table of monitoring data compared with performance standards. Using the monitoring data, describe how the site is developing toward goals and objectives and whether the project is in compliance with performance standards.
- 12) Summary (including dates) of management actions (maintenance, contingencies, and corrective actions) implemented at the site.
- 13) Summary of any difficulties or significant events that occurred on the site that may affect the ultimate success of the project.
- 14) Specific recommendations for any additional corrective actions or adaptive management with a time table.
- 15) Summary of any lessons learned.
- 16) Site maps (8 1/2" x 11" or larger) of the compensatory mitigation site, including the following (at a minimum):

- a) Include the month and year when the maps were produced and when information was collected.
  - b) The geographic location of the site with landmarks.
  - c) Clear delineation of the project perimeter(s).
  - d) Species, numbers, and approximate locations of all replanted vegetation.
  - e) Location of habitat features.
  - f) Location of permanent photo stations and location of any other photos.
  - g) Location of sampling locations, such as points, lines, or transects.
- 17) Photographs taken at permanent photo stations (and other photographs as needed) from the most recent monitoring visit, which are dated and clearly indicate the direction from which the photo was taken. We recommend photo pans.