DETERMINATION OF NONSIGNIFICANCE

Local File Number(s): Project File Name: N Seattle Lateral Upgrade
18-100915 SHOR 18-121944 LDA
18-121972 FPA 18-121974 CBP

Applicant: Williams/Northwest Pipeline LLC

DESCRIPTION OF PROPOSAL: Shoreline Substantial Development (SHOR), Class-IV Forest Practices (FPA), and Commercial Building (CBP), permits to remove 5.85 miles of existing 8 inch natural gas pipeline and replace it with 20 inch pipeline, and modify and replace gas line pumping and meter station infrastructure. The project will impact 5.67 acres of wetland and cross 15 streams.

An evaluation of the information submitted with the application coupled with an on-site investigation has resulted in a determination that the application complies with Snohomish County Code, including but not limited to; Chapters 30.43F SCC (Forest Practices), 30.62A SCC (Wetlands and Fish & Wildlife Habitat Conservation Areas), 30.63B SCC (Land Disturbing Activities), and 30.67 SCC (Shorelines).

Location of Proposal: Between 12512 ELLIOTT RD SNOHOMISH and the crossing of 186th Street SE, 5.85 miles to the west.

Tax Account Number(s): 270617-001-004-00 through 270518-001-027-00.

Lead Agency: Snohomish County Planning and Development Services

THRESHOLD DETERMINATION:

The lead agency for this proposal has determined that it does not have a probable, significant adverse impact on the environment. An environmental impact statement (EIS) is NOT required under RCW 43.21C.030(2)(c). This decision was made after review by Snohomish County of a completed environmental checklist and other information on file with this agency and such information is adopted herein by reference, including an Environmental Assessment by the Federal Energy Regulatory Commission dated February 12, 2018. Snohomish County reached this determination after reviewing the project application, supporting documents, and performing field investigation work. From this, it concluded that the project complies with all applicable County Codes. The North Seattle Lateral Upgrade was not exempt from SEPA review under WAC 197-11-800(3) because the project does represent a
material expansion of the existing pipeline use. However, compliance with Snohomish County Code was determined to constitute adequate mitigation per SCC 30.62A.030, 30.62B.030, and compliance with Chapters 30.61 and 30.63B SCC. Information that led to this determination is available for public review upon request.

The lead agency has determined that the requirements for environmental analysis, protection, and mitigation measures have been adequately addressed in the development regulations and comprehensive plan adopted under chapter 36.70A RCW, and in other applicable local, state, or federal laws or rules, as provided by RCW 43.21C.240 and WAC 197-11-158. Our agency will not require any additional mitigation measures under SEPA.

This Determination of Nonsignificance is issued under WAC 197-11-340 (2) and is subject to a 21 day comment period. Written comments may be submitted to the lead agency at the address below. Comments must be received by **November 14, 2018**.

**APPEALS:**

This DNS may be appealed pursuant to the requirements of Section 30.61.300 SCC and Chapter 2.02 SCC. The twenty one (21) day appeal period commences on the date of publication of notice. Any appeal must be addressed to the County Hearing Examiner, accompanied by a filing fee of $500.00, and be filed in writing at the Customer Support Center on the 2nd Floor, County Administration Building East, Everett, WA. The appeal must be received by **November 14, 2018**. The appeal must contain the items set forth in 30.71.050(5) SCC as follows:

(a) Facts demonstrating that the person is aggrieved by the decision;

(b) A concise statement identifying each alleged inadequacy in the threshold determination;

(c) The specific relief requested; and

(d) Any other information reasonably necessary to make a decision on appeal.

Please note that failure to file a timely and complete appeal including all the above items shall constitute waiver of all rights to an administrative appeal under county code. In addition to the above requirements, SCC 30.61.305(1) also requires that any person filing an appeal of a threshold determination made pursuant to this chapter shall file with the hearing examiner, within seven days of filing the appeal, a sworn affidavit or declaration demonstrating facts and evidence, that, if proven, would demonstrate that the issuance of the threshold determination was clearly erroneous.

**Shoreline Substantial Development Permit Appeal**

Pursuant to SCC 30.61.300(10) this DNS and the underlying Shoreline Permit must be appealed to the state Shorelines Hearings Board within twenty-one (21) days of the date of filing of the decision as defined in RCW **90.58.140**(6). Appeal of this DNS is not allowed as a separate appeal, but must be combined with the appeal of the underlying shoreline permit.
Contact Person: Randy Middaugh

Responsible Official: Barb Mock, Planning Director
Planning and Development Services

Address: County Administration Building East, 2nd Floor
3000 Rockefeller Avenue, M/S 604
Everett, Washington 98201

Signature: __________________________________________ Date: __________________________
Randy Middaugh, Principal Planner for Responsible Official

Date Issued: October 24, 2018 – kjarnett/NRC

DISCLAIMER:

The determination that an environmental impact statement does not have to be filed does not mean there will be no adverse environmental impacts. Snohomish County codes governing noise control, land use performance standards, construction and improvement of county roads, off site road improvement obligations, drainage control, fire protection and building practices will provide substantial mitigation of the aforementioned impacts.

The issuance of this Determination of Nonsignificance should not be interpreted as acceptance or approval of this proposal as presented. Snohomish County reserves the right to deny or approve said proposal subject to conditions if it is determined to be in the best interest of the county and/or necessary for the general health, safety and welfare of the public to do so.
DISTRIBUTION LIST:

Washington State
Department of Ecology
Department of Fish and Wildlife
Department of Transportation

Utilities
Public Utility District #1 of Snohomish County

Federal and Tribes
Army Corps of Engineers
U.S. Fish and Wildlife Service
Muckleshoot Tribe
Tulalip Tribes
Stillaguamish Tribe
Suquamish Tribe

Adjacent Property Owners
Notice of the issuance of this Determination of Nonsignificance has been mailed to property owners of record within 500 feet of the external boundaries of this project.

Applicant/Contact Person
Toby Schwalbe
Williams/Northwest Pipeline LLC
toby.schwalbe@williams.com

Owners
Brady Strauch
Puget Sound Energy
bradley.strauch@pse.com
Seattle, WA 98199

Parties of Record
Alfred Apodaca
14530 47th Pl. W
Lynnwood, WA 98087

Barbara Eklund
1611 Rucker Ave
Everett, WA 98201

Becky Hoepcke
445 Lakeview Rd. K-6
Lynnwood, WA 98087

Connery Glans
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Everett, WA 98203

Martinez/Mccollough
5316 Wetmore
Everett, WA 98203

Anna Green
5616 Hwy. Pl. #124
Everett, WA 98203

Jennie Lindberg
3007 Federal Ave
Everett, WA 98201

Molly Chachulski
616 Marine Drive
Tulalip, WA 98271
ATTACHMENTS

1. Environmental Checklist
2. Vicinity Map
3. Ownership & Zoning Map
4. Site Plan/Plat Map (reduced to 8 1/2 x 11 or 14)
SEPA ENVIRONMENTAL CHECKLIST

A. Background [help]

1. Name of proposed project, if applicable: [help]
   North Seattle Lateral Upgrade Project

2. Name of applicant: [help]
   Williams/Northwest Pipeline LLC (Northwest)

3. Address and phone number of applicant and contact person: [help]
   295 Chipeta Way, Salt Lake City, UT 84108
   Contact: Toby Schwalbe
   Phone: 801-584-6751

4. Date checklist prepared: [help]
   January 2018

5. Agency requesting checklist: [help]
   Snohomish County, WA

6. Proposed timing or schedule (including phasing, if applicable): [help]
   Construction to commence in summer 2019. The new facilities will be placed in
   service by November 2019.

7. Do you have any plans for future additions, expansion, or further activity related to or
   connected with this proposal? If yes, explain. [help]
   No.

8. List any environmental information you know about that has been prepared, or will be
   prepared, directly related to this proposal. [help]
   • FERC 7c application and the Federal Energy Regulatory Commission is
     preparing an Environmental Assessment
   • Joint Aquatic Resource Permit Application (JARPA)
   • Wetland Delineation Report
   • Applicant-prepared draft Biological Assessment

9. Do you know whether applications are pending for governmental approvals of other
   proposals directly affecting the property covered by your proposal? If yes, explain. [help]
   No.

10. List any government approvals or permits that will be needed for your proposal, if known.
    [help]

    Table 1
    Permits and Approvals Necessary for Construction and Operation

<pre><code>| Agency | Permit/Approval                  |
|--------|----------------------------------|
| Federal Permits/Approvals        |                               |
| Federal Energy Regulatory        | Certificate of Public Convenience and Necessity |
| Commission                       |                                   |
| Federal Energy Regulatory        | NEPA                             |
| Commission                       |                                   |
</code></pre>
<table>
<thead>
<tr>
<th>Agency</th>
<th>Permit/Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Army Corps of Engineers</td>
<td>CWA Section 404 – NWP 12</td>
</tr>
<tr>
<td>U.S. Fish and Wildlife Service</td>
<td>ESA Section 7 Consultation</td>
</tr>
<tr>
<td></td>
<td>Fish and Wildlife Coordination Act</td>
</tr>
<tr>
<td></td>
<td>Migratory Bird Treaty Act</td>
</tr>
<tr>
<td>National Marine Fisheries Service</td>
<td>ESA Section 7 Consultation</td>
</tr>
<tr>
<td></td>
<td>Magnuson-Stevens Act</td>
</tr>
</tbody>
</table>

**State Permits**

| Washington Department of Ecology | CWA Section 401, Water Quality Certification          |
|                                 | Coastal Zone Management Act                           |
|                                 | Construction Stormwater NPDES Permit                  |
| Washington Department of Fish and Wildlife | Hydraulic Project Approval                           |
| Washington Department of Natural Resources | Bald Eagle Management                                 |
| Department of Archaeology and Historic Preservation | National Historic Preservation Act – Section 106 Consultation |
| Washington Department of Transportation | State Highway Crossing                                |

**County Permits**

| Snohomish County | State Environmental Policy Act                       |
|                 | Shoreline Substantial Development Permit              |
|                 | Critical Areas Ordinance                              |
|                 | Land Disturbing Activity (Grading Permit)             |
|                 | Flood Hazard                                         |
|                 | County Road Crossings                                 |

**Tribal**

<table>
<thead>
<tr>
<th>Muckleshoot Indian Tribe</th>
<th>Cultural Resources/Project Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suquamish Tribe</td>
<td></td>
</tr>
<tr>
<td>Snoqualmie Indian Tribe</td>
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</tr>
<tr>
<td>Swinomish Indian Tribal Community</td>
<td></td>
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<tr>
<td>Stillaguamish Tribe of Indians</td>
<td></td>
</tr>
<tr>
<td>Sauk-Suiattle Tribe</td>
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<tr>
<td>Samish Indian Nation</td>
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<tr>
<td>Tulalip Tribes</td>
<td></td>
</tr>
<tr>
<td>Upper Skagit Tribe</td>
<td></td>
</tr>
</tbody>
</table>
11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The North Seattle Lateral Upgrade Project (Project) will include removing 5.54 miles of Northwest Pipeline LLC’s (Northwest’s), a Williams company, existing 8-inch diameter pipeline, replacing it with a 20-inch diameter pipeline (5.85 miles), upgrading the existing North Seattle/Everett delivery meter station, installing a new mainline valve, and installing a new pig launcher/receiver site at the terminus of the 20-inch pipeline. Portions of the existing 8-Inch and 16-Inch pipelines will be abandoned in place (see Table 2). Table 3 provides overall construction disturbance calculations for the components of the Project.

Depending on landowner negotiations, there is a possibility that the proposed route may be adjusted between mileposts (MPs) 2.07 and 2.21. To account for this possibility, Appendix A includes the alternative analysis for the potential proposed route adjustment.

Table 2
Summary of the North Seattle Lateral Upgrade Pipeline Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Alignment Sheets</th>
<th>Length (miles)</th>
<th>Mileposts From – To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-inch Pipeline</td>
<td>2428.22-0001 -</td>
<td>5.54</td>
<td>1.94 – 2.07</td>
</tr>
<tr>
<td></td>
<td>2428.22-0007</td>
<td></td>
<td>2.21 – 3.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3.75 – 3.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.00 – 7.52</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7.54 – 7.76</td>
</tr>
<tr>
<td>Abandon In-Place</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-inch Pipeline</td>
<td>2428.22-0001</td>
<td>0.14</td>
<td>2.07 – 2.21</td>
</tr>
<tr>
<td></td>
<td>(768 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-inch Pipeline</td>
<td>2428.22-0001</td>
<td>0.31</td>
<td>2.07 – 2.21</td>
</tr>
<tr>
<td></td>
<td>2428.22-0002</td>
<td>(1,700 ft)</td>
<td>3.72 – 3.75</td>
</tr>
<tr>
<td></td>
<td>2428.22-0003</td>
<td></td>
<td>3.91 – 4.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7.52 – 7.74</td>
</tr>
<tr>
<td>Replacement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20-Inch Pipeline</td>
<td>2428.22-0001 -</td>
<td>5.85</td>
<td>1.94 – 7.76</td>
</tr>
<tr>
<td></td>
<td>2428.22-0007</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Segment within Frith Mill tract previously abandoned under FERC Docket No. CP11-610.
2 The proposed conventional bore across State Route 9 (SR 9) will be offset from the 8-inch pipeline and installed at the same horizontal elevation. The 8-inch pipeline will be cut, capped, filled with grout and abandoned in place.
3 A deviation in the 8-inch mainline lateral will be cut, capped, filled with grout and abandoned in place. The 20-inch replacement pipeline will be installed within Northwest’s existing permanent easement with a standard 20-foot offset from the 16-inch 2448 loop line.
4 The proposed conventional bore across Bothell Everett Hwy (SR 527) will be offset from the 8-inch pipeline and installed at the same horizontal elevation. The 8-inch pipeline will be cut, capped, filled with grout and abandoned in place.
### Table 3
**Total Land Requirements for Construction and Operation**

<table>
<thead>
<tr>
<th>Project Component</th>
<th>Length (miles) or Number of Sites</th>
<th>Land Affected During Construction (acres)</th>
<th>Land Affected (acres) During Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipeline Facilities</td>
<td>5.85</td>
<td>62.75</td>
<td>1.14</td>
</tr>
<tr>
<td>Temporary Extra Work Areas</td>
<td>64</td>
<td>24.57</td>
<td>0.00</td>
</tr>
<tr>
<td>Contractor and Pipe Storage Yards</td>
<td></td>
<td>...</td>
<td>0.00</td>
</tr>
<tr>
<td>Existing Roads Needing Improvements in Limited Locations</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Aboveground Facility Modifications</td>
<td>4</td>
<td>0.84</td>
<td>0.00</td>
</tr>
<tr>
<td>Aboveground Facility Removal</td>
<td>1</td>
<td>0.23</td>
<td>0.00</td>
</tr>
<tr>
<td>New Aboveground Facilities</td>
<td>1</td>
<td>0.00</td>
<td>0.30</td>
</tr>
<tr>
<td>Permanent Access Roads</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>88.39</strong></td>
<td><strong>1.44</strong></td>
<td></td>
</tr>
</tbody>
</table>

1. TEWAs are shown on the Environmental Alignment Sheets/Site Plans (see Appendix E).
2. Although four potential yards have been identified, only one yard would be leased depending on availability. Because of the uncertainty of the yard location, yards have not been incorporated.
3. Does not include grading/grading within the existing road prism to return roads to preconstruction conditions or potential limbing/brush clearing.
4. Construction impacts associated with the aboveground facility modifications or installations are included in the construction impacts for the pipeline facilities except at the North Seattle Meter Station (MP 0.61), where the existing 0.56-acre facility will be used to complete facility replacement activities and at MP 11.14 where the existing 0.26-acre North Seattle Lateral End of line facility will be used to conduct pipeline cleaning activities prior to initiating the 8-inch pipeline removal activities.
5. Permanent easement associated with avoidance of the Fritch Mill logging operations, which will be maintained.
6. No new permanent disturbance is required for operation of the existing aboveground facilities since the footprints of the facilities will not be increased.
7. At MP 2.2 all aboveground appurtenances will be removed and relocated to the end of the Project at MP 7.76; however, the gravel and existing fence (0.23 acre) will remain in place after construction.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [Help]

The general location of the Project is shown on Figure 1 (see Appendix C). The Project will begin at the interconnection of the 20-inch North Seattle 2428 mainline lateral and 16-inch 2448 loop line at MP 1.94 in Section 18, T27N, R6E. It will be located within the existing and maintained North Seattle Lateral easement and maintained right-of-way. The Project will end at a new aboveground, fenced and gravelled facility at MP 7.76, in Section 18, T27N, R5E.
B. ENVIRONMENTAL ELEMENTS [help]

1. Earth [help]
   a. General description of the site: [help]

   (circle one): Flat, rolling, hilly, steep slopes, mountainous, other ____________

   The Project traverses gentle to moderately sloping glacial terrain. There is a mixture of forested and rural residential areas from MPs 1.94 to 5.8 and densely populated residential areas from MP 5.8 to the west end at MP 7.76.

   b. What is the steepest slope on the site (approximate percent slope)? [help]

   Slope gradients along the majority of the alignment are less than 20 percent.

   c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]

   According to the Snohomish County Soil Survey, the soil types crossed by the Project are generally level to gently sloping, moderately deep to deep and well-drained silty or gravelly sandy loams. Most soil mapping units are designated as prime farmland or farmlands of statewide importance (5.60 miles or 96 percent of the Project length).

   d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]

   A copy of the Geologic Resources and Hazards Evaluation, which was completed by GeoEngineers, can be provided upon request. The report contains an evaluation of slope stability along the pipeline route. The pipeline alignment is on gently sloping ground, slopes generally less than 20 percent, and the potential for surface erosion is low to moderate. There are localized areas of moderately sloping ground (slopes greater than 33 percent) adjacent to streams or along glacio-fluvial terraces. Landslide and erosion potential in these areas is low. The pipeline is generally oriented along the fall line of these slopes, so no significant grading is required for the pipeline construction corridor. Additionally, the risk posed by unexpected slope movement is reduced where the pipeline is oriented parallel to slope direction. Most of the slopes greater than 33 percent do not intersect mapped geologic contacts along the proposed pipeline alignment. The pipeline is oriented perpendicular to the fall line of two isolated mapped steep slopes between MP 6.59 and MP 6.61. GeoEngineers did not observe surface indications of slope instability such as recent or past landslides, ground cracks or significant accumulations of bowed conifer trees.

   e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help]

   Grading will be necessary to safely construct the pipeline. It is estimated that 88.39 acres will be disturbed during construction of the entire Project. Approximately 27,583 cubic yards of trench excavation will be required for installation of the 5.85-
mile 20-inch pipeline. Excavated material from the pipeline trench will be used for backfill and to restore original contours.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]

Erosion could occur if rainfall or surface runoff occurs on exposed soils during construction. Erosion could also occur between the time the trench has been backfilled and the time the surface has been reclaimed and effectively stabilized by vegetation. Measures to control erosion are discussed in detail in the Project’s Erosion Control and Revegetation Plan in Appendix D.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [help]

At the end of the Project at MP 7.76 a new aboveground, fenced and graveled facility will occupy 0.30 acre within Northwest’s existing permanent easement.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help]

Northwest will take many steps to reduce and control erosion during construction and restoration. Northwest intends to construct the Project during the “drier” portion of the year which will reduce the need for erosion control. In addition, Northwest will construct the pipeline and aboveground facilities in compliance with FERC’s Upland Erosion Control, Revegetation, and Maintenance Plan (FERC’s Upland Plan) and FERC’s Wetland and Waterbody Construction and Mitigation Procedures (FERC’s Wetland and Waterbody Procedures). These plans are provided with the Project’s Erosion Control and Revegetation Plan in Appendix D. FERC’s Upland Plan and Wetland and Waterbody Procedures are designed to minimize the extent and duration of Project-related disturbance and to control erosion and off-site sedimentation through implementation of pipeline-specific Best Management Practices (BMPs). The BMPs have been designed and located in accordance with FERC’s Upland Plan and Wetland and Waterbody Procedures and Snohomish County’s grading requirements (see Environmental Alignment Sheets/Site Plans in Appendix B). The measures for erosion control, including typical BMP drawings, are provided with the Erosion Control and Revegetation Plan (see Appendix D).

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [help]

Construction may cause temporary reduction of local ambient air quality due to fugitive dust and emissions generated by construction equipment. The extent of fugitive dust generated during construction will depend on the level of construction activity and on soil composition and dryness. This short-term impact will occur only in the immediate vicinity of the construction right-of-way. Emissions from construction vehicles and equipment should have an insignificant impact on the air quality of the region. After construction there will be no emissions associated with the Project.
b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [help]
   
   No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any; [help]
   
   To minimize wind erosion and fugitive dust emissions during construction, Northwest will, where necessary, implement the following reasonably available control measures:

   - Disturb no more earth than required for construction to occur;
   - Depending on climatic conditions during construction, Northwest would suppress dust on disturbed sites by spraying water from trucks. The amount of water required for dust suppression will depend on factors such as rainfall, wind, soil type and amount of exposed disturbance. The construction right-of-way, laydown areas and temporary roads may require water at least daily in areas of active construction, if necessary, as determined by the environmental inspector (EI); in areas of excessively dust-prone soils or road surfaces the frequency of watering will be increased to prevent off-property transport of visible fugitive particulate emissions;
   - Control Project-related traffic speeds on dirt access roads to no more than 20 mph;
   - Speeds on the construction right-of-way will be reasonable and prudent. The speed limit will be 15 mph;
   - Speed limits will decrease when excessive winds prevail and where sensitive areas such as public roads may be adjacent to access roads or the construction right-of-way;
   - Speed limit signs will be maintained for the duration of the construction activities and will be placed where access roads intersect with the construction right-of-way. Signs will be designed to endure weather conditions and will be posted in a non-obscured, visible manner;
   - Temporarily stockpiled soils will be watered to create a semi-hard protective layer to minimize wind erosion, if necessary and as determined by the EI. This treatment would occur once after the trench has been excavated;
   - No earthwork activities shall be performed when the wind speed exceeds 30 miles per hour if it results in off-property transport of visible fugitive particulate emissions; and
   - Gravel entryways will be utilized to prevent mud and dirt carryout on to paved surfaces. Any mud or dirt carryout will be cleaned up in accordance with the Stormwater Pollution Prevention Plan.

Northwest will ensure that wind erosion best management practices will be in place during forecasted high wind (greater than 25 mph) weather advisories. Additionally to minimize emissions during construction, Northwest will require the contractor to provide and maintain all equipment in a properly functioning and appropriately tuned condition so as to minimize exhaust emission potential of internal combustion engines.
3. Water [help]

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [help]

The Project will affect 16 waterbodies for a total crossing length of 259.12 feet. One perennial stream at MP 4.86 is not crossed but is within the construction right-of-way. Six streams are assumed to be perennial although flows are very limited during the summer when construction is scheduled. All of the waterbodies will be crossed using a dry open-cut crossing method – either fluming or dam and pump (see Appendix E). One manmade freshwater pond at MP 4.86 will be drained to remove the existing 8-inch pipeline and install the new 20-inch pipeline. Surface waters crossed by the pipeline flow into tributaries to Evans Creek (325 feet east of MP 1.94), Little Bear Creek and North Creek (see Table 4).

Construction activities will directly impact 5.67 acres of wetlands in 22 systems (see Table 5). The pipeline trench will cross approximately 2,740.5 linear feet (0.52 mile) of wetlands. Of the total impact to wetlands, the Project will temporarily affect 4.95 acres of palustrine emergent wetlands, 0.10 acre of palustrine scrub shrub wetlands, and 0.62 acre of palustrine forested wetlands.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [help]

Waterbody crossings will be completed using dry open cut procedures – flume or dam and pump crossing techniques – consistent with the requirements of federal, state, and local agencies regulating the Project.

All wetlands will be crossed in accordance with FERC’s Wetland and Waterbody Procedures and the Project’s Erosion Control and Revegetation Plan in Appendix D. Wetlands crossed by or in close proximity to the Project are shown on the Environmental Alignment Sheets.

The Erosion Control and Revegetation Plan provides site-specific directions and BMPs for work over and adjacent to wetlands and waterbodies.
<table>
<thead>
<tr>
<th>Description</th>
<th>7'3&quot;</th>
<th>9'4&quot;</th>
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- Values may vary based on the specific criteria.
- Further analysis required for comprehensive understanding.
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3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [help]

The pipeline trench through all streams and wetlands will be backfilled with native material removed from the trench. No fill will be imported. The amount of material that will be removed from and then replaced in the trench within wetlands and waterbodies is approximately 2,873.84 cubic yards. The estimated volume assumes three feet of cover over the pipeline for wetlands and 5 feet of cover for waterbodies with a three-foot-wide trench (bottom of trench) with 0.75:1 slopes. The total crossing length through wetlands and waterbodies is 2,999.64 feet.

A copy of the Wetland/Stream Inventory Report for the Project has been provided as Appendix K which includes detailed wetland figures showing the construction right-of-way and “neckdowns”. The “neckdowns” will minimize disturbance within wetlands and still allow safe construction of the pipeline. The Erosion Control and Revegetation Plan in Appendix D describes the specific BMPs pertaining to wetland crossings.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help]

No. Water for hydrostatically testing the pipeline will be obtained from a municipal source – a hydrant at MP 2.22 on the east side of Waverly Drive within a temporary work area (TEWA 2.17-N).

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]

Most of the existing aboveground facility at MP 0.61, which will be modified within the existing, graded/graveled footprint, and the two associated TEWAs (0.61 and 0.62) are located within the 100-year floodplain of the Snohomish River (see Figure 2 in Appendix C). The TEWAs will be used for staging and parking and were previously disturbed during construction of the existing aboveground facility. At MP 5.5 the pipeline will cross the 100-year floodplain associated with Little Bear Creek.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [help]

No.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help]

No.
2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals, . . . agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [help]

No waste material will be discharged into the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [help]

The likelihood of runoff from the Project has been minimized by scheduling construction during the summer when the potential for precipitation and runoff are lowest. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared and submitted, upon request, to authorize stormwater discharge under the Washington Department of Ecology (WDOE) Construction Stormwater General Permit (CSWGP). The SWPPP will be available on-site pursuant to FERC’s Wetland and Waterbody Procedures (Section II.C), and WDOE and U.S. Environmental Protection Agency (EPA) regulations.

2) Could waste materials enter ground or surface waters? If so, generally describe. [help]

The potential exists for a spill to occur during construction. Potential spills from construction are limited primarily to: 1) diesel used to fuel construction equipment; and 2) lubricating oils and hydraulic fluid used by construction equipment. Pursuant to FERC’s Wetland and Waterbody Procedures (see Section IV.A), Northwest has prepared a Spill Plan for Oil and Hazardous Materials (Spill Plan) in Appendix G for the Project.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [help]

No. Following construction, contours will be restored as closely as possible to preconstruction conditions, thereby restoring preconstruction drainage patterns.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any. [help]

Numerous measures will be used to reduce and control impacts to groundwater and surface water. Northwest must obtain permits/approvals from the WDOE, WDFW, U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (FWS), NMFS, and FERC. Each of these agencies, pursuant to the laws they implement/enforce, regulates construction impacts to waterbodies and/or wetlands. Northwest anticipates that permit conditions will be applied by these agencies as necessary to protect the aquatic resources in the Project area.
FERC has adopted extensive measures to control and reduce impacts to aquatic resources. These measures are contained in FERC's Wetland and Waterbody Procedures.

4. Plants [help]
   a. Check the types of vegetation found on the site: [help]

      _X_ deciduous tree: alder, maple, aspen, other  
      _X_ evergreen tree: fir, cedar, pine, other  
      _X_ shrubs  
      _X_ grass  
      _X_ pasture  
      ___ crop or grain  
      ___ Orchards, vineyards or other permanent crops.  
      _X_ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other  
      _X_ water plants: water lily, eelgrass, milfoil, other  
      ___ other types of vegetation

   b. What kind and amount of vegetation will be removed or altered? [help]

      Table 6 provides the construction disturbance in acres for each vegetation type that will be affected by the Project.

      | Vegetation Type                                | Construction Disturbance (acres) |
      |------------------------------------------------|----------------------------------|
      | Agriculture, Pastures, and Mixed Environments. | 11.61                            |
      | Westside Lowlands – Conifer Hardwood Forest    | 7.55                             |
      | Herbaceous Nonforested Wetlands                | 5.07                             |
      | Westside Riparian-Wetlands                     | 0.61                             |
      | Urban and Mixed Environments                   | 51.06                            |
      | Transportation (roads, railroad)               | 11.97                            |
      | **Total**                                      | **87.87**                        |

   c. List threatened and endangered species known to be on or near the site. [help]

      No federal endangered or threatened plants are known to occur or are expected in the immediate Project area.
d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any. [help]

A detailed discussion of revegetating the Project area is provided in the Erosion Control and Revegetation Plan in Appendix D.

As required by FERC's Upland Plan, Northwest has consulted with the NRCS (2017) regarding recommended seed mixtures for the Project area. The NRCS-recommended seed mixture for the Project is listed in the Erosion Control and Revegetation Plan.

To mitigate impacts to riparian areas, Northwest will plant native shrubs and trees in areas where these species existed prior to construction or to enhance existing conditions where landowners allow. Table 7.12-1 in the Erosion Control and Revegetation Plan provides a list of suggested native trees and shrubs that are common in the Project area in these habitats and which would be planted after final restoration and cleanup during appropriate planting periods (during the winter and early spring). Disturbed riparian areas will be replanted with tree and shrubs according to FERC's Wetland and Waterbody Procedures (Section V.C.6. and V.D.1). Shrubs will be planted and allowed to grow within 5 feet of the pipeline centerline and trees will not be planted within 15 feet of either side of the pipeline centerline to facilitate corrosion and leak surveys and to prevent roots from damaging pipe coatings. In riparian areas, shrubs and trees will be planted across the right-of-way for a width of 25 feet from the waterbody banks subject to the existing land uses and landowner approval.

Northwest will work with individual landowners to address restoration of pastures and residential lawns, ornamental shrubs, trees, and other landscaping features. In residential areas, Northwest will utilize contractors familiar with local horticultural and lawn establishment procedures for reclamation work or will compensate the landowner to restore these areas. Northwest has developed residential construction plans, which describe the construction procedures that will be used near residences and in neighborhoods (available upon request).

e. List all noxious weeds and invasive species known to be on or near the site. [help]

Five Class C plants – reed canarygrass, Himalayan blackberry, evergreen blackberry, yellowflag iris, and nonnative cattails – occur within the Project area, generally near patch edges and along wetlands and stream channels. Scotch broom, a Washington Class B species, was also located in several wetlands in the Project area.

5. Animals [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [help]

Examples include:

- birds: hawk, heron, eagle, songbirds, other
- mammals: deer, bear, elk, beaver, other
- fish: bass, salmon, trout, herring, shellfish, other ______
Fish: Fall chinook salmon, winter steelhead, bull trout/Dolly Varden, Puget Sound pink salmon, sockeye, coho, pacific lamprey
Mammals: Cascade red fox, Townsend's western big-eared bat
Birds: bald eagle, Vaux's swift, piliated woodpecker, purple martin, hummingbirds, flycatchers, finches
Invertebrates: none
Amphibians: western toad

b. List any threatened and endangered species known to be on or near the site. [help]

Federally listed chinook salmon and steelhead occur or are presumed to occur in several of the larger streams crossed by the Project in the Middle Sammamish River 5th field watershed (from MP 3.44 to MP 7.76), and species with EFH (chinook, coho and sockeye salmon) could occur in those larger streams. Appendix J provides the Habitat Management Plan (applicant-prepared draft Biological Assessment) for the Project.

There are no federally threatened or endangered wildlife species that occur in the Project area and none would be affected by construction or operation of the Project.

c. Is the site part of a migration route? If so, explain. [help]

No.

d. Proposed measures to preserve or enhance wildlife, if any: [help]

Northwest will adhere to the conditions in FERC's Wetland and Waterbody Procedures and FERC's Upland Plan which avoid/minimize impacts to wildlife habitat. In addition, implementation of the BMPs in the ECRP will avoid and minimize effects to wildlife, and restoration measures will revegetate disturbed areas, also minimizing effects to wildlife resources.

Northwest proposes the following actions to reduce effects to migratory birds and other special status wildlife species potentially in the Project area:

- Large trees and snags on the edge of the Project area would be maintained, where feasible. During construction activities, Northwest's Environmental Inspector (EI) will assess the trees on the edges of the construction right-of-way and TEWAs that could be avoided to retain habitat for wildlife species. The EI will flag trees for protection after the construction right-of-way and TEWAs have been surveyed and prior to clearing activities.

- Because the Project will remove potential migratory bird nesting habitat during the primary nesting season generally considered for protection of migratory birds (April 1 through July 15), Northwest will search for active nests within the construction right-of-way and TEWAs prior to clearing and grading activities that would begin in May/June (after the average start of migratory bird nesting expected in Project area - April 26). Active nest locations would be flagged and avoided to the extent practicable.

- Snohomish County Critical Areas Regulations (Snohomish County Code [SCC] 30.62A) requires preparation of a Habitat Management Plan (HMP) when available information indicates that a project would affect primary areas associated with
critical species listed as endangered, threatened, sensitive or candidate under state or federal laws or a project is proposed within an area where habitats and species of local importance have primary association (SCC 30.62A.460). The term “primary association area” refers to habitats that are identified as important to fish and wildlife (e.g., breeding or spawning areas) or areas that support a relatively high number of individuals, as defined in SCC 30.62A.320. Northwest will prepare an HMP to consider effects to riparian habitat areas, wetlands, fish, and wildlife habitat as outlined in SCC 30.62A.460 that will be affected by the Project.

- The Fish Salvage Plan in Appendix H details how Northwest would attempt to remove all fish from within the work area that will be isolated prior to being pumped dry for dry open-cut construction.

e. List any invasive animal species known to be on or near the site. [help]

   None.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project’s energy needs? Describe whether it will be used for heating, manufacturing, etc. [help]

   No energy will be needed to operate the pipeline. Local electric service will be needed to operate the aboveground facilities and the pipeline’s existing cathodic protection system.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help]

   No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [help]

   Because the pipeline does not consume energy, no measures have been proposed.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [help]

   The primary component of natural gas in an interstate transmission pipeline is methane, a colorless, odorless and tasteless gas. While it is not toxic, methane is classified as an asphyxiant with a slight inhalation hazard. Exposure to high concentrations can result in serious injury or death due to oxygen deficiency. Methane has an ignition temperature above 1,000 °F. The specific gravity of methane in air is 0.55 (lighter than air), which means it tends to rise at normal atmospheric temperatures and disperses rapidly in the atmosphere. In general, unconfined mixtures of methane in air are not flammable/explosive because of the dilution of the methane by air. Mixtures of methane in air in an enclosed space are flammable/explosive at concentrations between 5 and 15 percent methane by volume.
The transportation of natural gas by pipeline involves some risk to the public in the event of an incident and subsequent release of gas. However, all interstate natural gas pipeline facilities are designed, constructed, operated and maintained in accordance with DOT safety standards (49 CFR Part 192). These safety standards, which are reviewed and refined on a periodic basis, together with recent advances in pipe manufacturing technology, pipeline construction and inspection methods, minimize the potential for pipeline leaks and fire hazard that may result from such leaks.

**Safety Standards.** The pipeline and aboveground facilities associated with the Project will be designed, constructed, operated, and maintained to meet or exceed the requirements of DOT safety standards in 49 CFR Part 192. These regulations are intended to ensure adequate protection for the public and to prevent natural gas pipeline incidents and failures. Part 192 specifies material selection and qualification; minimum design requirements; and protection from internal, external and atmospheric corrosion.

Part 192 also establishes pipeline design classification standards, based on population density in the vicinity of an existing or proposed pipeline. These class standards provide increasingly more conservative design requirements as population density increases. The class location unit area extends 220 yards on either side of the centerline of any continuous one-mile length of pipeline. The four area classifications are defined as follows:

- **Class 1** Location with 10 or fewer buildings intended for human occupancy.
- **Class 2** Location with more than 10 but less than 46 buildings intended for human occupancy.
- **Class 3** Location with 46 or more buildings intended for human occupancy or where the pipeline lies within 100 yards of any building or small, well-defined outside area (i.e., playground, recreational area) occupied by 20 or more people at least 5 days a week for 10 weeks in any 12-month period.
- **Class 4** Location where buildings with four or more stories aboveground are prevalent.

Class location criteria and calculations determine minimum pipe wall thickness, the maximum distance between block valves, minimum hydrostatic test pressures, maximum allowable operating pressure, inspection and testing of welds and frequency of pipeline patrols and leak surveys. The pipeline crosses areas designated as Class 3 and Class 1 (see Table 7). Northwest will design and construct the Project as a Class 3 location.
### Table 7
Class Locations for the Project

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^1 Northwest will design and construct the Project as a Class 3 location.
^2 Based on Northwest’s 2016 annual review of class locations and HCAs.

Pipe design regulations for steel pipe are contained in Part 192. Subpart C, Section 192.105 contains a design formula for the pipeline’s design pressure. Sections 192.107 through 192.115 contain the components of the design formula, including yield strength, wall thickness, design factor, longitudinal joint factor and temperature derating factor. These components are adjusted according to the project design conditions, such as pipe manufacturing specifications, steel specifications, class location and operating conditions.

**Emergency Response Capabilities.** Northwest maintains 24-hour emergency response capabilities, including an emergency only phone number, which will accept collect charges. The number is routinely included in informational mail-outs, posted on all pipeline markers and provided to local emergency agencies in the vicinity of the pipeline. Operating personnel are trained in detection of natural gas, emergency shutdown procedures and blow-off procedures to reduce line pressure in the event of an emergency. The block valve installed on the pipeline will be equipped with local operators. Operations personnel will be able to close valves manually to stop the flow of gas.

1) Describe any known or possible contamination at the site from present or past uses.

[help]

There are no known contaminated or hazardous waste sites along Northwest’s existing permanent easement.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [help]

The proposed Project includes the removal and upgrade of an existing natural gas pipeline. The primary component of natural gas in an interstate transmission pipeline is methane, a colorless, odorless and tasteless gas. While it is not toxic, methane is classified as an asphyxiating with a slight inhalation hazard.
3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [help]

Hazardous materials, chemicals, fuels, and lubricating oils will be stored in upland areas at least 100 feet from waterbodies and wetlands. Northwest has developed a Spill Plan for Oil and Hazardous Materials provided in Appendix G.

4) Describe special emergency services that might be required. [help]

Northwest will be responsible for all emergency services which may be required from its operations. Additional emergency service demands on local jurisdictions are not anticipated.

5) Proposed measures to reduce or control environmental health hazards, if any: [help]

Proposed measures to reduce or control environmental health hazards are described above in Question 7a.

b. Noise [help]

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [help]

None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [help]

Noise caused by the Project will be generated during construction and will be temporary, lasting 4 to 5 months. Noise levels will be dependent on the type of machinery and the various construction activities occurring at different times. Northwest anticipates working between the hours of 7 a.m. and 10 p.m.

3) Proposed measures to reduce or control noise impacts, if any: [help]

None.

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [help]

The Project will primarily occur within Northwest's existing permanent easement. Approximately 79.8 percent of the land crossed by the Project is Developed lands, that include Urban or Built-Up Land (57 percent); Residential land (16 percent); and Transportation, Communication and Utilities Corridors (6 percent). Agricultural lands account for 8 percent of the lands and nonforested wetlands 9 percent. Open Waters and Forest Lands account for approximately 4 percent.

Northwest will utilize the existing permanent easement previously established for the North Seattle Delivery Lateral to operate the proposed 20-inch replacement
pipeline, which will be installed in the same trench from which the 8-inch pipeline will be removed. This Project design element eliminates the need for Northwest to acquire new permanent easement to operate the 20-inch replacement pipeline, which minimizes landowner impacts from easement encumbrances associated with a new or expanded permanent easement.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help]

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [help]

No.

c. Describe any structures on the site. [help]

Table 8 provides descriptions of the existing and proposed aboveground facilities associated with the Project.

<table>
<thead>
<tr>
<th>Facility</th>
<th>MP</th>
<th>Modification/Installation</th>
<th>New Permanent Disturbance (Acres)</th>
<th>New Permanent Easement (Acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing North Seattle/Everett Meter Station Upgrade</td>
<td>0.61</td>
<td>Replace inlet filter/strainer, all yard piping, meters and regulators at the existing 0.58-acre meter station.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Existing interconnection of the 20-inch North Seattle 2428 mainline lateral and 16-inch 2448 loop line</td>
<td>1.94</td>
<td>The existing 16-inch crossover (39L-1X) will be utilized by installing a 20x20x16-inch battered tee on the 2428 mainline lateral.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Existing North Seattle Lateral Launcher, Receiver and Block Valve</td>
<td>2.20</td>
<td>Remove the 8-inch launcher, 20-inch receiver and block valve and relocate to the end of the Project at MP 7.76. Cap and abandon (or possibly remove) the 16-inch crossover (39-1X). Existing fence and gravel will remain and aboveground appurtenances will be removed.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Existing North Seattle Lateral Clearview Tap</td>
<td>3.91</td>
<td>A new 2-inch tap will be installed on the 2428 mainline lateral for PSE's Clearview tap and tie-in the 2-inch feed line from the 16-inch 2448 loop line.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Mainline Block Valve 39-2</td>
<td>5.45</td>
<td>The 8-inch mainline block valve will be replaced with a 20-inch valve assembly; two 12-inch crossovers will be installed to tie the 2428 line in to the 2448 line up and downstream of the block valve (39-2 and 39-2L). Install a new 4&quot; tap for PSE's Jewel Road take-off facility</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>New Aboveground Launcher/Receiver/Block Valve and Crossover</td>
<td>7.76</td>
<td>Reinstate the 8-inch launcher, 20-inch receiver and block valve removed from MP 2.2 and install a 16-inch crossover to tie the 2428 line in to the 2448 line.</td>
<td>0.30</td>
<td>0.00</td>
</tr>
</tbody>
</table>
d. Will any structures be demolished? If so, what? [help]

No. At MP 2.20, the existing 0.23-acre aboveground facility (8-inch pig launcher, 20-inch pig receiver and block valve) will be removed and relocated to the end of the line at MP 7.76. The 16-inch 39-1X crossover will be removed or capped and abandoned in place. The gravel and existing fence will remain in place after construction.

e. What is the current zoning classification of the site? [help]

Most of the Project is zoned as Rural 5 acres. Other zones include:

- Agriculture-10 Acre
- Clearview Rural Commercial
- Light Industrial
- Low Density Multiple Residential
- Multiple Residential
- Neighborhood Business
- Residential 7,200 sq. ft.
- Residential 9,600 sq. ft.
- Suburban Agriculture-1 Acre

f. What is the current comprehensive plan designation of the site? [help]

Rural Residential, Urban Low Density Residential, Urban Medium Density Residential, Clearview Rural Commercial.

g. If applicable, what is the current shoreline master program designation of the site? [help]

None of the streams crossed by the Project are classified as a Shoreline of the State of Washington Shorelines of Statewide Significance. The existing aboveground facility at MP 0.81 and associated TEWAs are within the designated Rural Conservancy shoreline environment of the Snohomish River (see Figure 2 in Appendix C).

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]

Waterbodies are considered critical areas and require a Critical Area Study (Snohomish County Code [SCC] 30.62A). The Wetland and Waterbody Delineation Report is provided as Appendix K to fulfill the Critical Area Study requirement for waterbody crossings. Additionally, Appendix F provides the Wetland and Waterbody Mitigation Plan which includes avoidance, minimization, rectification and mitigation measures to wetlands and waterbodies that will be affected by the Project.
Over 90 percent of habitats affected by construction will occur within altered, non-native habitats. Snohomish County Critical Areas Regulations (Snohomish County Code [SCC] 30.62A) requires preparation of a Habitat Management Plan (HMP) when available information indicates that a project would affect primary areas associated with critical species listed as endangered, threatened, sensitive or candidate under state or federal laws or a project is proposed within an area where habitats and species of local importance have primary association (SCC 30.62A.460). Northwest will prepare an HMP to consider effects to riparian habitat areas, wetlands, fish, and wildlife habitat that will be affected by the Project as outlined in SCC 30.62A.460.

i. Approximately how many people would reside or work in the completed project? [help]

After construction is completed, Northwest will not employ any additional personnel to operate the pipeline. Northwest’s existing employees will conduct periodic inspections and maintenance.

j. Approximately how many people would the completed project displace? [help]

None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [help]

Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]

The pipeline will comply with all federal, state, and local regulations designed to protect the environment. Other than the existing meter station (MP 0.61) and new aboveground launcher/receiver/crossover at MP 7.76, the pipeline will be buried. For the most part, the pipeline has been located within the existing easement to minimize disturbance and to reduce conflicts with existing and projected land uses.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [help]

None.

9. Housing [help]
   a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [help]

   None.

   b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [help]

   None.
c. Proposed measures to reduce or control housing impacts, if any: [help]

None.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [help]

The 6-8-foot tall pre-cast security fence enclosing the proposed 20-inch pig receiver, 8-inch launcher and 10-inch crossover at MP 7.76 is the tallest aboveground structure that will be constructed for the Project. The existing fence at MP 2.20 will remain in place after the aboveground facility is removed and relocated to MP 7.76.

b. What views in the immediate vicinity would be altered or obstructed? [help]

None. The new aboveground facility at MP 7.76 will be located within Northwest's existing permanent easement with an existing paved road immediately to the south. The new aboveground, fenced and graveled facility will not be out of character with the existing land use. The pipeline and related facilities are not expected to impact the visual setting of the Project area or the surrounding landscape.

b. Proposed measures to reduce or control aesthetic impacts, if any: [help]

None.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help]

If construction lights are necessary, they will be shielded and directed toward work areas. No continuous outdoor lighting would be installed.

b. Could light or glare from the finished project be a safety hazard or interfere with views? [help]

No.

c. What existing off-site sources of light or glare may affect your proposal? [help]

None.

d. Proposed measures to reduce or control light and glare impacts, if any: [help]

As stated above, if construction lights are necessary, they will be shielded and directed toward work areas.
12. Recreation [help]
a. What designated and informal recreational opportunities are in the immediate vicinity? [help]

Because the proposed Project is on private lands, most of which are Residential or Agricultural (pasture), the Project area is not a locale suited or used for public recreation.

b. Would the proposed project displace any existing recreational uses? If so, describe. [help]

No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any. [help]

None.

13. Historic and cultural preservation [help]
a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. [help]

A cultural resources assessment was completed for the Project between January and March, 2017, and Northwest received SHPO concurrence on April 26, 2017 (see Appendix I).

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [help]

The BNSF railroad, near the beginning of the Project, was originally constructed in 1889 and is recommended eligible for NRHP listing under Criterion A for its importance in the development and contributions to the history of Snohomish County and the region as a whole. The proposed Project undertaking may involve an open cut through the railroad grade, which will include removing track and ballast. However, the rails, ties, and ballast will be restored to the original condition and elevation. The character-defining features of a railroad considered significant under NRHP Criterion A — location, association, and setting — will therefore not be altered. WillametteCRA therefore recommended a ‘no historic properties adversely affected’ determination for the Project effects to the railroad. The SHPO concurred with this determination on April 26, 2017.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]

A cultural resources assessment was completed for the Project between January and March, 2017, and Northwest received SHPO concurrence on April 26, 2017 (see Appendix I). Northwest consulted with the tribes listed in the response to #10 above (correspondence can be provided upon request).
d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. [help]

None required.

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help]

Northwest will utilize the same roads currently used to operate and maintain the existing 8-inch and 16-inch North Seattle Lateral pipelines to provide ingress and egress points to and from the construction right-of-way. The roads primarily include the paved county roads that are crossed by the Project. Existing private roads and driveways will also be utilized to facilitate construction. These private roads are either graveled or paved and will not require widening; however, minor improvements within the existing gravel road footprints (blading, grading or graveling) may be necessary to return the roads to their original or better condition after construction.

Northwest will obtain landowner permission prior to using private roads. The launcher/receiver facility at MP 7.76 will include graveled access on the east and west sides. The east side access would be off of 186th St SE and onto a gravel pad within the existing North Seattle Lateral permanent easement. The west side access will require a new permanent driveway (concrete apron) off of 186th St SE and onto the gravel pad on the west side of the facility. The driveway would include a concrete approach apron and cement pad in the parking strip between the road and the sidewalk. Northwest will obtain a driveway permit from Snohomish County for the west side access.

Roads are shown on the Environmental Alignment Sheets/Site Plans provided in Appendix B.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [help]

Not applicable.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

Not applicable.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [help]

See response to #14a.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [help]

No.
f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [help]

Routine maintenance and inspection will be the only vehicular trips required once the Project is completed.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. [help]

No.

h. Proposed measures to reduce or control transportation impacts, if any: [help]

Transportation impacts will be temporary, short-term and will only occur during construction.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [help]

No.

b. Proposed measures to reduce or control direct impacts on public services, if any. [help]

None.

16. Utilities [help]

a. Circle utilities currently available at the site: [help]
   electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other __________

   Local electrical services are required to operate the existing North Seattle/Everett Delivery Meter Station.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [help]

None.
C. Signature [help]
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: ______________________________

Name of signee: TROY SCHWALBE

Position and Agency/Organization: SR. ENVIRONMENTAL SCIENTIST/NORTHWEST PIPELINE LLC

Date Submitted: 1/25/18
NOTICE OF DETERMINATION OF NONSIGNIFICANCE AND TYPE 1 DECISIONS

File Name: North Seattle Lateral Upgrade Project
File Number: 18 109916 SHOR, 18 121944 LDA, 18 121972 FPA, 18 121974 CBP
Description of Project: In alignment with a Shoreline Substantive Development (SHOR), Class IV Forest Practices (FPA), and Commercial Building (CBP) permits to remove 5.85 miles of existing 8 inch natural gas pipeline and replace it with 20 inch pipeline, and modify and replace gas line pumping and meter station infrastructure. The project will impact 5.07 acres of wetland and cross 15 streams.
Location: Between 12512 Elliott Road, Snohomish; and the crossing of 186th Street SE, 5.85 miles to the west.
Tax Account Number: 270617-001-004-00 through 270619-301-027-00
Applicant: Williams/Northwest Pipeline LLC
Date of application: Thursday January 25, 2018
Approvals required: Commercial Building (retaining wall), Flood Hazard, Forest Practices, and Land Disturbing Activity Permits
Threshold Determination: The lead agency for this proposal has determined that it does not have a probable, significant adverse impact on the environment. An environmental impact statement (EIS) is NOT required under RCW 43.21C.030(2)(c). This decision was made after review by Snohomish County of a completed environmental checklist and other information on file with this agency and such information is adopted herein by reference. This information is available for public review upon request.
This Determination of Nonsignificance is issued under WAC 197-11-340 (2) and is subject to a 21 day comment period. Written comments may be submitted to the lead agency at the address below. Comments must be received by November 14, 2018.
Type 1 Decisions: The Shoreline Substantive Development permit, Land Disturbing Activities permit (18 121944 LDA), Forest Practices permit (18 121972 FPA), and Building permit (18 121974 CBP) are hereby approved for issuance.
APPEALS: The DNS and the Type 1 decisions may be appealed pursuant to the requirements of Sections 30.61.300, SCC 30.71.050 SCC and Chapter 2.02 SSC. The twenty one (21) day appeal period commences on the date of publication of notice. Any appeal must be addressed to the County Hearing Examiner, accompanied by a filing fee of $500.00, and be filed in writing at the Customer Support Center on the 2nd Floor, County Administration Building East, Everett, WA. The appeal must be received by November 14, 2018. The appeal must contain the items set forth in 30.71.050(S) SCC as follows:
(a) Facts demonstrating that the person is aggrieved by the decision;
(b) A concise statement identifying each alleged inadequacy in the threshold determination;
(c) The specific relief requested; and
(d) Any other information reasonably necessary to make a decision on appeal.

Please note that failure to file a timely and complete appeal including all of the above items shall constitute waiver of all rights to an administrative appeal under county code. In addition to the above requirements, SCC 30.61.305(1) also requires that any person filing an appeal of a threshold determination made pursuant to this chapter shall file with the hearing examiner, within seven days of filing the appeal, a sworn affidavit or declaration demonstrating facts and evidence, that, if proven, would demonstrate that the issuance of the threshold determination was clearly erroneous.
Shoreline Substantive Development Permit Appeal
Pursuant to SCC 30.61.300(10) this DNS and the underlying Shoreline Permit must be appealed to the state Shorelines Hearing Board within twenty one (21) days of the date of filing of the decision as defined in RCW 30.65.140(6). Appeal of this DNS is not allowed as a separate appeal.
Project Manager: Randy Middaugh, 425.262.2206
Project Manager e-mail: randy.middaugh@co.snohomish.wa.us

Date of Notice: October 24, 2018

HOW TO USE THIS BULLETIN
To learn more about a project:
• Call the planner assigned to the project.
• Review project file at Snohomish County Planning and Development Services (PDS) 2nd Floor Customer Service Center, Administration Building East.
• Permit Center and Record Center Hours are:
  o 8:00 AM to 4:00 PM - Monday, Tuesday, Wednesday, Friday
  o 10:00 AM to 4:00 PM - Thursday
• Please call ahead to be certain the project file is available.

To comment on a project:
• Submit written comments to PDS at the address below. All comments received prior to issuance of a department decision or reconsideration will be reviewed.
• To ensure that comments are addressed in the decision or reconsideration, they should be received by PDS prior to the end of the published comment period.
• Comments on a project scheduled for a hearing before the hearing examiner, may be made by submitting them to PDS prior to the open record hearing.
• PDS only publishes the decisions that are required by Snohomish County Code. Persons will receive notice of all decisions that they have submitted written comment on, regardless of whether or not they are published.

To appeal a decision:
• Department decisions (including SEPA threshold determinations): submit a written appeal and the $500 filing fee to PDS prior to the close of the appeal period.
• Refer to SCC 30.71.050(S) for details on what must be included in a written appeal.
• A SEPA appeal also requires that an affidavit or declaration be filed with the hearing examiner within seven days of filing the appeal, pursuant to SCC 30.61.305(1).

HOW TO REACH US:
The Customer Service Center for the Snohomish County Planning and Development Services is located on the 2nd floor of the County Administration Building East, 3000 Rockefeller Avenue, MS 504, Everett WA 98201 425.389.3311 TTY.
More information can be reviewed online at snohomishcountywa.gov/PDSPostcard