

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants: [\[help\]](#)

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

Plymouth to Roosevelt Anomalies - Alder Creek 45190 Dig

2. Name of applicant: [\[help\]](#)

**Northwest Pipeline LLC
Attn: Toby Schwalbe**

3. Address and phone number of applicant and contact person: [\[help\]](#)

Applicant: 295 Chipeta Way
Salt Lake City, Utah 84108
Phone: (801) 584-6751
Email: Toby.Schwalbe@williams.com

Contact Person: Laurie Parry
1901 N. Fir Street
La Grande, Oregon 97850
Phone: (541) 963-8309
Email: lperry@andersonperry.com

4. Date checklist prepared: [\[help\]](#)

March 30, 2015

5. Agency requesting checklist: [\[help\]](#)

Washington Department of Fish and Wildlife (WDFW)

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

The proposed Plymouth to Roosevelt Anomalies - Alder Creek 45190 Dig project is scheduled to take place in August 2015 and will be conducted in one phase.

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 additions or expansions are planned; however, routine maintenance and repairs will be conducted as necessary.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

The following environmental information will be prepared and is directly related to this project:

- **Endangered Species Act (ESA) Section 7 Clearance No Effect Documentation prepared by Anderson Perry & Associates, Inc. (AP) (see Attachment A).**
- **Cultural Resources Inventory prepared by AP (see Attachment B).**
- **Joint Aquatic Resource Permit Application prepared by AP (see Attachment C).**

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. [\[help\]](#)

Northwest Pipeline LLC, which holds a permanent easement at the project area, has not been made aware of any other proposals that would directly affect the property covered by this project.

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

Permit	Approving Agency
State Permits/Consultation	
Hydraulic Project Approval	WDFW
Joint Aquatic Resource Permit Application	Washington Department of Ecology
Erosivity Waiver Certification	Washington Department of Ecology

Federal Permits/Consultation	
National Historic Preservation Act Consultation	Washington Department of Archaeology and Historic Preservation
Section 404 Nationwide Permit 3	U.S. Army Corps of Engineers
Endangered Species Act Consultation	U.S. Fish and Wildlife Service (USFWS)

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.) [\[help\]](#)

Northwest Pipeline LLC (Northwest), a Williams Company, is proposing to inspect and repair, if necessary, Anomaly Site 45190 at Milepost 1089.69. This anomaly was identified in the spring of 2014 during Northwest’s Integrity Assessment Program in-line inspection of the 26-inch diameter high pressure, underground natural gas 1400 Ignacio-to-Sumas main line. The anomaly to be investigated is part of the Plymouth-to-Roosevelt Anomaly Investigation Project and is located in Section 34, Township 5 North, Range 23 East in southeast Klickitat County, Washington (see Figure 1, Vicinity Map).

The investigation procedure requires trench excavation within Northwest’s existing right-of-way (R/W) to visually inspect the pipeline and assess repairs that may be necessary to ensure the safety and integrity of the pipeline. An existing unimproved two-track access road will be utilized to access the site. This access road will be repaired with crushed gravel for approximately 2 miles of its length to fill existing potholes and ruts per the private landowner’s request and approval. The gravel will be sourced from the private landowner’s existing gravel pit (see Figure 2C, Site Plan).

In order to safely and efficiently complete this project, Northwest will require the use of four temporary extra work areas (TEWAs) outside of the existing easement work area (EEWA). The TEWAs and EEWA are shown on Figures 2A and 2B, Site Plan. A TEWA staging area will be located at either end of the unimproved two-track access road: one off of Six Prong Road and one adjacent to the EEWA and to the west of Alder Creek. These TEWAs will be used for offloading and staging of equipment, storage of materials, parking, and turnarounds. No blading or grading will be required for the use of these TEWAs; however, mowing of vegetation may be needed. Excavation equipment will be mobilized to the anomaly site from the TEWA staging area on the west side of Alder Creek via the EEWA. There will be two additional 75-foot by 300-foot TEWAs located on either side of the EEWA at the anomaly site to temporarily store excavated spoils from the trench. A portion of the TEWAs will occur within the channel of Alder Creek, to the north and south of the pipeline.

Topsoil will be segregated and stored separately from the subsoil within the TEWAs. A total of approximately 1,200 cubic yards (CY) will be excavated to properly inspect the anomaly. Following excavation, a portion of the exposed pipe will be sandblasted and inspected for the anomaly. A Northwest Integrity Specialist will then determine what repairs, if any, will be performed on the pipeline. A repair could include a cut-out and replacement of a section of the pipeline or installation of a permawrap sleeve. Once the repairs are completed, the pipeline will be recoated and the excavated native spoil will be used to backfill the trench with subsoil backfilled first and topsoil replaced to the top horizon of the trench. All excavation work will be contained within Northwest’s EEWA and TEWAs. Final site work will include cleanup/remediation and reseeding of the disturbed areas to preconstruction conditions and as per landowner approval.

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 project is located in southeast Klickitat County, 17 miles northeast of Roosevelt, Washington, and is located under and on both sides of Alder Creek (see Figure 1). The work area is defined as the pipeline existing easement work area (EEWA), three temporary extra work areas (TEWAs) located near Alder Creek, and one additional TEWA on Six Prong Road. The investigation will take place within the existing right-of-way, with TEWAs located adjacent to the right-of-way and at either end of the existing access road.

The legal description for the site of the anomaly investigation location is Township 5 North, Range 23 East, Section 34, Parcel No. 052334000001000 (see Figure 3, Tax Lot Map). The basic boundaries of the pipeline investigation project include a linear path approximately 710 feet long by 50 feet wide, two TEWAs measuring approximately 300 feet by 200 feet and 145 feet by 156 feet, and one TEWA measuring approximately 170 feet by 140 feet (see Figures 2A, 2B, and 2C).

The legal description of the fourth TEWA is Township 5 North, Range 23 East, Section 33, Parcel No. 05233300000000. The TEWA is located on the north side of Six Prong Road and north of Sixprong Creek next to an existing corral. It measures approximately 270 feet by 165 feet (see Figure 2A).

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth

a. General description of the site [\[help\]](#)
(circle one): Flat, rolling, hilly, steep slopes, mountainous,
other _____

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

Slopes within the project area are mainly 0 to 5 percent with some slopes at the east end of the project area ranging from 15 to 30 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. [\[help\]](#)

The soils within the project area are Haploxerolis-Fluvaquents Complex, Umapine silt loam, and Weirman fine sandy loam. Soil properties are fine sandy loam and silt loam within the pipeline area and silt loam and cobbly silt loam in the additional TEWA (see Figure 4, Soils Map). Erosion ranges from slight to moderate and is dependent on the soil texture and slope. Soils are classified as somewhat excessively drained to well drained (in the area outside Alder Creek and the additional TEWA) and poorly drained to well drained (in Alder Creek). It is not considered prime farmland.

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

There are no surface indications or history of unstable soils in the immediate vicinity of the project. The project is not located within an area designated as a Geologically Hazardous Area.

- 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. [\[help\]](#)

Approximately 1,200 CY of material will be excavated from the pipeline trench, which will be used to backfill the trench, and the site will be restored to the original, preconstruction grade. Fill and grading will occur after the trench has been excavated and the pipeline has been inspected and repaired. No additional fill material will be required for this project. All excavated native materials will be used as fill. No excavated material will be removed from the site.

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

There is a slight chance that erosion could occur during the construction phase, as excavation of the trench will disturb stable areas. Best management practices (BMPs), such as erosion control devices and covering visqueen sheeting over the spoil piles in the event rainfall occurs during construction, will be implemented to keep soil on site and reduce the potential for erosion.

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

The project does not include construction of any impervious surfaces. All disturbed sites will be restored to existing conditions.

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

Due to low rainfall, the erosivity index value for the area is less than 5.0 during the construction period; therefore, the project is exempt from National Pollutant Discharge Elimination System permitting. Northwest will submit an Erosivity Waiver Certification for the proposed project. BMPs will be implemented to prevent and control erosion during construction. Once construction is complete, disturbed areas will be re-graded to their original slope and restored using a native seed mixture and mulch to protect the seeds and stabilize the soil.

2. Air

- 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. [\[help\]](#)

During construction, emissions will be limited to dust and exhaust from construction equipment, excavation of the pipe trench, and mobilization of equipment on and off site. If necessary, dust abatement, including watering, will be implemented to control dust.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

There are no known off-site sources of emissions or odor that may affect the proposed project.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Northwest will implement construction BMPs, such as dust abatement, to minimize dust and impacts to air quality.

3. Water

a. Surface Water: [\[help\]](#)

- 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 Columbia River is located 2.4 miles south of the project site and will not be impacted by the project. Sixprong Creek, a tributary to Alder Creek, is located approximately 70 feet south of the southernmost TEWA and will not be impacted by the project. Alder Creek, a tributary to the Columbia River, is located within the pipeline investigation project area. All work below the ordinary high water elevation of Alder Creek will be conducted within the WDFW in-water work window (August 1 to September 30), although it is anticipated that the channel will be dry during construction.

- 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. [\[help\]](#)

The project will cross Alder Creek at the pipeline repair project area and will be open-cut for the potential repairs. The work is expected to occur in dry conditions, and any impacts to the creek channel will be temporary. No long-term impacts are expected. The additional TEWA is approximately 70 feet north of Sixprong Creek. Only staging is anticipated to occur in this area and Sixprong Creek will not be affected.

- 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. [\[help\]](#)

Approximately 1,200 CY of material will be removed, including the banks and bed of Alder Creek, during excavation. Topsoil will be segregated and stored separately from the subsoil during the excavation activities. Upon completion of the pipeline investigation and possible repair, the native subsoil will be placed back into the trench with the native topsoil replaced to the top horizon. The channel and banks of the creek will be re-shaped to preconstruction conditions and match surrounding contours. All impacts to Alder Creek from the EEWA and the two TEWAs that cross the Alder Creek channel will be temporary. No additional fill materials will be required, and no permanent spoils are expected. It is anticipated that all work will occur in dry conditions.

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

As proposed, the project will not withdraw or divert surface water. It is anticipated that all work will be performed when the channel is dry. In the event there is water in the channel, fish passage will be maintained by the use of fluming through the project area.

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

The pipeline repair project area lies within a 100-year floodplain (see Figure 5, Floodplain Map).

- 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. [\[help\]](#)

As proposed, the project will not discharge waste materials into surface waters.

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. [\[help\]](#)

As proposed, the project will not withdraw groundwater.

- 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. [\[help\]](#)

The project does not include any septic tanks, domestic sewage, or other sources of waste materials. No waste materials will be discharged on or 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 project includes the excavation and inspection of a 26-inch natural gas pipeline in the existing pipeline alignment. The only potential source of runoff is from stormwater or possible trench dewatering activities. Sediment barriers, slope breakers, and other temporary erosion control measures will be installed where necessary to keep sediment and stormwater from entering waterways.

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

Waste materials will be contained and removed at the end of each working day and are not expected to enter ground or surface waters.

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

During construction, drainage patterns may be temporarily altered; however, once construction is complete, all disturbed areas will be re-graded to their original contour and match that of surrounding contours, restoring existing drainage patterns.

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

Construction BMPs, such as the temporary erosion control measures stated above, will be used to reduce and control surface, ground, and runoff water impacts.

4. **Plants** [\[help\]](#)

a. Check the types of vegetation found on the site: [\[help\]](#)

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

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

Most of the EEWA and TEWAs are vegetated with native and introduced grasses and shrubs. This vegetation will be removed and reseeded with a native seed mixture.

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

No threatened or endangered plant species are known to be on or near the site. No Effect Documentation has been submitted to USFWS for concurrence (see Attachment A). If requested, Northwest will provide a copy of the response from USFWS upon receipt.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

Northwest will follow the standards outlined in the Federal Energy Regulatory Commission Upland Erosion Control, Revegetation, and Maintenance Plan, and the Wetland and Waterbody Construction and Mitigation Procedures. Where applicable, all disturbed areas will be reseeded with native species and mulched to restore them to original vegetated conditions.

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

No noxious weeds are known to be on or near the site, and no noxious weeds were observed during the site visit. Invasive plants that were observed during the site visit and occur within the project area include kochia, teasel, and bull thistle.

5. **Animals**

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. Examples include: [\[help\]](#)

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

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

No threatened or endangered species are known to be on or near the site. No Effect Documentation has been submitted to USFWS for concurrence (see Attachment A). If requested, Northwest will provide a copy of the response from USFWS upon receipt.

The WDFW Priority Habitats and Species website identifies rainbow trout, summer steelhead, prairie falcon, and black-tailed jackrabbit as occurring in the project vicinity.

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)

The project lies within the Pacific Flyway for migratory birds. However, the project is not anticipated to impact migratory birds. Eight species of protected salmonids use the Columbia River as a migration corridor. The Columbia River is 2.4 miles south of the project area and will not be impacted by the project. According to StreamNet, Alder Creek is used by summer steelhead for spawning and rearing. However, no water was present at the time of the site visit in December 2014, and it is anticipated that all work will be accomplished while the creek is dry (see Figure 6, Summer Steelhead Distribution Map).

- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

The construction activities associated with the project are not expected to negatively impact wildlife. During construction, birds and wildlife could potentially leave the area temporarily; however, no permanent impacts are anticipated. It is anticipated that all work within Alder Creek will occur when the creek is dry. In addition, any disturbed areas will be restored after construction.

- e. List any invasive animal species known to be on or near the site.

No known invasive animal species occur within the project area.

6. Energy and natural resources

- 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. [\[help\]](#)

The completed project will not require any energy sources to operate. The pipeline will continue to transport natural gas to consumers upon completion.

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

The proposed project will have no impact on solar energy use by adjacent properties.

- 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: [\[help\]](#)

Northwest does not anticipate any impacts to energy use. No energy conservation features are included in or are applicable to the proposed project.

7. Environmental health

- 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. [\[help\]](#)

Environmental health hazards include exposure to toxic chemicals, risk of fire and explosion, spills and leaks, and generation of hazardous waste that could occur as a result of the project. Because this is a high-pressure natural gas pipeline, there is risk of fire, explosion, etc., that constitutes an environmental health hazard. Compliance with United States Department of Transportation (USDOT) standards will minimize the risks associated with the project. In addition, adherence to worker safety regulations under the Occupational Safety and Health Administration (OSHA) and to solid and hazardous waste regulations under the Environmental Protection Agency (EPA) will minimize risks associated with the project.

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

There are no known contaminants at the site from past or present uses.

- 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.

The project includes the inspection of a high-pressure natural gas pipeline; therefore, there is the risk of fire, explosion, etc. Compliance with USDOT standards will minimize the risks associated with the project. In addition, adherence to worker safety regulations under the OSHA and to solid and hazardous waste regulations under the EPA will minimize risks associated with the project.

- 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.

Use of gasoline and oils in motorized equipment during the project is the greatest risk of exposure to chemicals. Hazardous chemicals will be used, stored, and disposed of in accordance with federal and state solid and hazardous waste regulations (40 Code of Federal Regulations [CFR] 261 and Washington Administrative Code [WAC] 173-303).

- 4) Describe special emergency services that might be required.

Northwest does not anticipate the need for any new or additional emergency services. However, Northwest will be responsible for all emergency services that may be required from project construction or operations.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

Northwest will require the construction contractor to follow a Spill Prevention Control and Countermeasure Plan that will list the types, locations, and quantities of all chemicals used on site; identify emergency notification procedures in the event of a spill; and provide procedures for collection, storage, and disposal of wastes produced on site during normal operations and in the event of a release. Hazardous chemicals will be used, stored, and disposed of in accordance with federal and state solid and hazardous waste regulations (40 CFR 261 and WAC 173-303)

b. Noise

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

There are no known sources of noise that will affect the proposed project.

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. [\[help\]](#)

Northwest will follow noise limitation standards outlined in WAC 173-60-040 (2)(a). Short-term impacts to noise levels during construction will occur from equipment operation. To reduce noise impacts to neighboring residences and businesses, construction will take place between the hours of 7 a.m., and 6 p.m. Long-term impacts to noise levels will not occur as the project is short-term and temporary.

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

The project is located in a remote part of Klickitat County where no houses or business are located; therefore, noise will not be an issue. However, Northwest will limit construction hours to 7 a.m. to 6 p.m. to minimize noise impacts.

8. Land and shoreline use

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 site is located on vacant lands with some residential and industrial development on adjacent properties. The site is currently used for livestock grazing.

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? [\[help\]](#)

The property is currently used for grazing livestock. No agricultural or forest land will be converted as a result of the proposed project.

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:

The project will not affect or be affected by surrounding working farms or forest land normal business operations.

c. Describe any structures on the site. [\[help\]](#)

There are no structures located on the pipeline replacement R/W section or within the additional TEWA. The area adjacent to the staging TEWA off of Six Prong Road is occupied by a stock corral.

d. Will any structures be demolished? If so, what? [\[help\]](#)

No structures will be demolished.

d. What is the current zoning classification of the site? [\[help\]](#)

Zoning within the project area is classified as Extensive Agriculture (see Figure 7, Zoning Map).

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

The comprehensive plan designation for the site is Ag/Forest.

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

Not a shoreline of statewide significance.

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

There are no Critical Areas located within the project area.

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

The project will have no impact on residency. No people will reside or work within the completed project area.

j. Approximately how many people would the completed project displace? [\[help\]](#)

No people will be displaced by the completed project.

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: [\[help\]](#)

Northwest maintains an existing pipeline R/W. The proposed project will be consistent with the existing R/W.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

Northwest maintains an existing pipeline R/W. The proposed project will be consistent with the existing R/W.

9. Housing

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

Not applicable.

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

Not applicable.

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

Not applicable.

10. Aesthetics

- 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 proposed project does not include the construction of any buildings or aboveground structures.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

No views will be altered or obstructed as a result of this project.

- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

Disturbed areas will be reseeded and mulched where applicable for restoration and to reduce aesthetic impacts.

11. Light and glare

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

The proposed project will not produce any light or glare.

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

There will be no light or glare from the finished project.

- 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: [\[help\]](#)

Not applicable.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

Hiking and recreational vehicle use are potential recreation opportunities within the project vicinity; however, the project is located on private property and within the pipeline easement. These recreational uses may be temporarily impacted during construction. The proposed project will have no long-term impacts on recreational uses within the area.

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

No recreational use will be displaced as a result of this project.

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

Northwest will complete the project in a timely manner, minimizing temporary impacts to recreation. The pipeline is underground and will not require additional measures to limit long-term impacts to recreation.

13. Historic and cultural preservation

- 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 located on or near the site? If so, specifically describe. [\[help\]](#)

There are no known buildings, structures, or sites located on or near the site that are over 45 years old that would be eligible for listing in the national, state, or local preservation registers. Northwest has contracted AP to provide a Cultural Resources Inventory of the project area.

- 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. [\[help\]](#)

Currently, there are no known sites or artifacts of cultural significance on or adjacent to the project area. An 1861 General Land Office Survey Plat indicates a trail leading northwest from the project area; however, no evidence of an intact historic trail was noted during the Cultural Resources Inventory.

- 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. [\[help\]](#)

Northwest has contracted AP to provide a Cultural Resources Inventory of the project area. The Cultural Resources Inventory took place on December 9, 2014, and included archival research, a literature review, and a pedestrian survey. No archaeological resources were identified. Northwest will submit the Cultural Resources Inventory to the Department of Archaeology and Historic Preservation for review and concurrence that *"No cultural resources or historic properties will be affected by the project"* (see Figure 8, Cultural Resource Map and Attachment B, Cultural Resources Inventory).

- 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.

Northwest will have an Environmental Inspector (EI) on site who will work with the contractor to identify cultural resources. In an effort to minimize impacts to unknown cultural resource sites, Northwest, to the extent possible, will minimize excavation to only what is necessary to inspect the existing pipeline, which will be in mostly previously disturbed soils. If cultural resources are discovered that will be impacted by the proposed project, the EI will implement necessary measures. Northwest will have an Unanticipated Discovery Plan for the project and an inadvertent discovery clause will be included in the project specifications and the construction contract.

14. Transportation

- 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. [\[help\]](#)

The roads accessing the proposed project area are Six Prong Road (county road) and a private unnamed two-track access road (see Figures 2A, 2B, and 2C, Site Plan).

- 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? [\[help\]](#)

There are no public transit stops within the project work area.

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

The completed project will not include parking spaces or eliminate any parking spaces.

- 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). [\[help\]](#)

No new roads will be required for the project. The unnamed two-track road between Six Prong Road and the pipeline repair area will be graded and graveled.

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

The project is adjacent to and within Alder Creek. All impacts are temporary.

- 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 non-passenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

The proposed project, upon completion, will generate less than one vehicle trip per day. Northwest would generate vehicle trips only if there is a problem or routine inspection of the system is required.

- 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.

The proposed project will not affect or be affected by the movement of agricultural or forest products on roads or streets in the project area.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

Northwest does not anticipate any long-term impacts to transportation from the completed project. During construction, temporary impacts to transportation may occur as a result of more traffic congestion (with additional equipment). Flaggers and traffic control will be used as necessary for road crossings.

15. **Public services**

- 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. [\[help\]](#)

The proposed project will not increase the need for public services.

- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

Northwest does not anticipate any direct or indirect impacts to public services from the completed project.

16. **Utilities**

- a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

No utilities are currently available at the site.

- 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. [\[help\]](#)

No utilities are proposed for the project.

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 Toby Schwalbe

Position and Agency/Organization Sr. Environmental Scientist, Northwest Pipeline LLC

Date Submitted: March 30, 2015