

# SEPA ENVIRONMENTAL CHECKLIST

JUNE 2015

## **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:**

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: [\[help\]](#)

*WDFW Eells Springs Hatchery Supply Pipeline Replacement*

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

Washington Department of Fish and Wildlife

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

Washington State Department of Fish and Wildlife  
600 Capitol Way North  
Olympia, WA. 98501  
Cindy Knudsen  
[Cindy.knudsen@dfw.wa.gov](mailto:Cindy.knudsen@dfw.wa.gov)  
360 902 8422

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

1/15/2016

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

Washington State Department of Fish and Wildlife

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

Spring, 2016

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

*The pipeline replacement is the first in a series of hatchery redevelopment projects at the Eells Springs Hatchery. As part of a legislative requirement to shift trout production from the Puyallup Trout Hatchery to the Eells Springs Hatchery in 2017, a series of improvements will be proposed. Updating the water supply lines for the hatchery ponds is the highest priority. Upon completion of replacing the primary water supply line, the storage and housing structures on the property will be evaluated for demolition and replacement. Also, additional temporary storage for fish food and incubation troughs will be proposed. In the 2017-2019 biennium, concrete pond demolition and replacement will be considered. Over the next several months, evaluations and feasibility studies will dictate the specifics of future work.*

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

*No additional environmental information has been prepared for the pipeline replacement.*

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. [\[help\]](#)

*None are known.*

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

*A Mason County Shoreline Exemption, grading permit, and an HPA will be required.*

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

*This project will replace piping at the Eells Springs Hatchery originating from a spring-fed water intake structure (spring # 4). Project will include replacing the existing 24" steel above and below ground water supply pipeline with a 36" diameter HDPE buried pipeline. Approximate length of the replaced pipeline is 2,950 feet. At the spring #4 intake box, new stoplogs and screens will be added along with a new stop log gate as part of routine hatchery maintenance.*

*There will be some underground piping within the hatchery grounds will be upgraded, and an existing 16 inch steel pipe currently spanning Hunter Creek; will be replaced with a 24" steel pipe. All existing piping will be abandoned in place at this time.*

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. [\[help\]](#)

*Directions: From Interstate 5 South, take exit 104, and follow ramp right for US-101 North toward Port Angeles/Aberdeen. Then, from US 101, turn left onto W. Skokomish Valley Road. Turn left, onto W. Eells Hill Road. Turn in to the Eells Springs Hatchery; T21 N, R4W, S18 (47.309308,-123.237234).*

*Spring #4 Location: The pipeline location begins at the hatchery and continues northwest to the section line between S. 13 and S. 18 T 21N R 04W. The pipeline follows the unmarked single lane gravel access road immediately adjacent to the large earthen pond to the west of Eells Hills Rd to the intake. A vicinity map has been included with this application.*

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

### **1. Earth** [\[help\]](#)

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

*Side slopes to the existing road are approximately 45%.*

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. [\[help\]](#)

*Dungeness fine sandy loam with shallow, 0 to 2 percent slopes are the soils found throughout the hatchery grounds along with "made land" or fill soils. Spring 4 is an area with Shelton gravelly sandy loam with 30 to 45% slope gradients.*

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

*Localized cut slope failures have occurred along the access road.*

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

*Because the new pipeline is being installed in a trench, the area being affected would be approximately 2,950 feet long, 6 feet wide, and up to 6 feet deep. Total excavation would be approximately 4,020 cy of earth and road fill. Approximately 1,155 cy of gravel will be imported from a commercial source to bed the pipe and to regrade the road. The remaining fill material will be the native material replaced into the trench.*

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

*Yes erosion could occur as a result of clearing and construction for this proposed project. Best management practices will be used to minimize the amount of erosion occurring as a result of this project.*

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

*There will be no additional impervious surface as a result of installing the pipeline. Localized erosion could occur with excavation of the trench. Exposed soils would be limited to the existing road and immediately adjacent.*

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

*Erosion control BMP's will include the use of silt fence and straw wattles to line the edges of the road and straw bales will be placed in the ditches above cross drain structures. All exposed soils will be seeded and mulched with clean straw as the trenching progresses. Open trenches will be limited to 500 feet ahead of pipe laying to minimize exposed soils.*

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

*Typical emissions generating from the construction of this proposal will be exhaust from bulldozers, excavators and dump trucks. No source of emissions will be generated from the proposed water intake project.*

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

*None are known.*

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

*During construction, impacts to air quality are reduced and controlled through implementation of standard federal, state, and local emission control criteria. These could include spraying areas of exposed soils with water for dust control, covering any exposed soil stockpiles, and reducing exhaust emissions by maintaining vehicles and equipment in working order and reducing equipment idling.*

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. [\[help\]](#)

*Hunter Creek is adjacent to the proposed project. Hunter Creek eventually flows into the Skokomish River. It is characterized by cobble and gravel substrates with moderate depth and flow conditions. There is a (possible) beaver dam half a mile downstream of the project site. There is water input from springs that contribute flow to Hunter Creek adjacent to the project location.*

- 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 proposed supply pipeline maintenance project originates from spring #4 the Eells Springs Hatchery, a natural spring. At one point, the pipeline also crosses over Hunter Creek. No in-water work is proposed, although some aspects of the proposed project are adjacent to surface water. Construction is in uplands location. All aspects of the project will be done in dry conditions using all applicable Best Management Practices. Please refer to enclosed plans.*

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

*No fill or dredge materials will be placed in or removed from wetland areas or in-surface water. The new water supply pipeline is installed next to the current pipeline, primarily in upland areas. Refer to project drawings for more information.*

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

*There will be no changes to surface water withdrawals. Spring #4 water will continue to flow through an intake, and an overflow culvert as it originally did. No changes to surface water withdrawals are proposed.*

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

*The proposal is not within the Skokomish Rivers floodplain or floodway.*

- 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 waste materials will be discharged to surface waters. Best Management Practices will be used.*

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 ground water will be withdrawn for this maintenance project. No water will be discharged to 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. [\[help\]](#)

*None.*

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. [\[help\]](#)

*Best Management Practices will be used to avoid introducing stormwater to Hunter Creek or any adjacent natural spring area. Runoff from stormwater will eventually reach Hunter Creek, and the Skokomish River. Seepage water from in-water construction activities is not expected. If there is runoff it will be settled in uplands areas.*

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

*During construction, BMPs will be used to prevent waste materials from entering any source of ground or surface water. No source of waste materials will enter the spring intake or Hunter Creek during construction or from the finished project.*

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

*No changes to water flow from spring #4 to the hatchery is anticipated as a result of this proposed maintenance repair project.*

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

Construction work will be done during low water time of the year and in dry conditions. Best management practices will be used to control any source of water encountered during construction. No impacts to drainage pattern impacts are anticipated.

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

*There is some vegetative cover on the banks of Hunter Creek in the vicinity of the project. There are deciduous trees (willow and maple) and herbaceous plants such as willow shrubs grasses. Some thistle and blackberry vines are present. No vegetation is expected to be removed except for the amount needed to seat the new water pipeline. If vegetation is removed it will be cut off at surface level and not grubbed. Native grasses will be planted in any disturbed natural areas at project completion.*

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

*There are no endangered fish or listed terrestrial species at the spring #4 intake location. Fish are blocked from migrating anywhere near the spring water intake area. Hunter Creek has habitat for Chinook and steelhead species in one area where the new supply pipeline crosses over the creek. This habitat is used for rearing, migration, and possibly infrequent spawning. Please refer to the project drawings for supply pipeline route.*

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

*No landscaping is proposed throughout the replaced pipeline area. Any disturbed natural areas will be reseeded with native grasses at project completion.*

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

*There could be some invasive blackberry vines near construction areas.*

#### 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 \_\_\_\_\_

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

*In the vicinity of the project area there are Chinook (Puget Sound), steelhead (Puget Sound), Bull trout (Puget Sound), and possibly (Hood Canal) summer Chum.*

*Bull Trout are present in the Skokomish River, but available data does not place bull trout or their critical habitat at or near the proposed project location. Limiting factors include fines and low summer flows that could affect water temperatures and opportunities for rearing of bull trout. The closest location of bull trout critical habitat is approximately one mile NE of the proposed project location in the South Fork of the Skokomish River (47.315,-123.247). They are not typically found in the project area.*

*Chum salmon, Hood Canal summer ESU (Oncorhynchus keta), critical habitat is present in the watershed in the lower end of the Skokomish Subbasin and nearest to the proposed project (47.3209,-123.2211) approximately one mile NE (overland ) from the hatchery in an unnamed stream segment off of the south fork of the Skokomish River. There are possibly (unknown) opportunities for chum to migrate through the general area, but spawning or rearing opportunities are not at the project location. Chum are not at the spring intake area.*

*PHS Species:*

*Salmon species at the project location area where the new pipeline crosses Hunter Creek could include Chum, Sea Run Cutthroat, and coho.*

*Critical habitat for (Hood Canal) Summer Chum is in Mason County but not at the project location.*

*Critical habitat for Chinook is in the vicinity of but not at the project location.*

*There is habitat for harlequin duck and communal eagle roosts approximately 1,500 feet away from the proposed project away from Hunter Creek. No other terrestrial, plant, or fish species are known in the vicinity.*

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

*Possible migration route for Chinook and steelhead juveniles exists at one point in the project where the new pipeline crosses over Hunter Creek.*

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

*None.*

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. [\[help\]](#)

*None.*

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

*No energy conservation features are proposed for the proposed supply line maintenance project.*

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

*None are known.*

- 1) Describe any known or possible contamination at the site from present or past uses.  
[\[help\]](#)

*No sources of contamination are known at the project location.*

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

*No sources of hazardous chemicals or hazardous conditions are known at the project location.*

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

*No sources of toxic or hazardous chemicals are stored, used or produced at the project location.*

- 4) Describe special emergency services that might be required. [\[help\]](#)

*None are anticipated.*

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

*No measures are proposed to reduce or control environmental health hazards.*

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

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

*No sources of noise exist in the area that could affect this 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. [\[help\]](#)

*Short-term construction will generate noise from an excavator, a dump truck, pickup trucks, and some hand tools. No sources of sound will emanate from the completed project.*

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

*None are proposed.*

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. [\[help\]](#)

*This project is located at the Washington State Fish and Wildlife Eells Springs Hatchery. Adjacent properties are in rural residential, agricultural, and forested areas.*

- 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 proposed project is in a rural area surrounded by rural residential and agricultural properties. The existing neighboring riparian zone has been somewhat degraded and altered by past pasturing and farming practices. Much of the existing riparian zone is a remnant of what was once a valley-wide riparian complex. Despite these changes to the riparian zone, good fisheries stocks remain. Resource lands have not been designated and no known farmland or forest land tax status will be changed as a result of this 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: [\[help\]](#)

*No disturbance to any surrounding lands is expected.*

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

*There is an existing surface water supply pipeline above and below ground, and some existing intake boxes. Adjacent hatchery structures include staff residences, office and shed buildings, and hatchery raceways and round ponds for rearing fish.*

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

*No structures will be demolished. Water lines will be excavated. The existing supply pipeline will be abandoned in place. Unused materials will be disposed of offsite out of the flood zone at an approved facility.*

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

*Rural*

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

*Conservancy*

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

*This project is considered to be maintenance repair within a 'conservancy' designated shoreline.*

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

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

*Hatchery staff (maximum of 5) will work in and around the completed project.  
Hatchery staff live nearby the proposed project.*

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

*None.*

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

*No persons will be displaced by the completed project.*

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

*Appropriate permits will be obtained from local regulatory agencies.*

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

*Appropriate permits will be obtained from local regulatory agencies to comply with current regulations.*

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

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

*No housing units will be provided.*

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

*No housing units will be eliminated.*

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

*No measures are proposed.*

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

*This project buries a water supply pipeline underground. No structures are proposed.*

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

*Views in the immediate vicinity would not be altered or obstructed by structures.*

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

*None are proposed.*

#### 11. **Light and Glare** [\[help\]](#)

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

*No light or glare will be produced by the completed pipeline.*

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

*The proposed project has no source of light; the project would not be a safety hazard or complete with views.*

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

*Existing sources of light at the hatchery site, are not anticipated to affect the proposed project.*

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

*No measures are proposed.*

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

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

*Hiking, wildlife viewing, swimming, bird watching, fishing, boating and other recreational opportunities are available. River access areas are nearby.*

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

*No measures are proposed.*

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

*A review of the database maintained by the Washington State Department of Archaeology and Historic Preservation (DAHP) on (1/12/ 2016) revealed no recorded archaeological sites or historic structures at or near the project location.*

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

*No landmarks or features are recorded. The new pipeline is mostly buried in roadway areas and within the hatchery grounds in areas of previously disturbed soil materials. Discovery of cultural resources is unlikely. A WDFW inadvertent discovery plan will be in place so that if any cultural resources are identified during construction, construction activities will stop and the inadvertent discovery plan will be followed.*

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

*The project was reviewed by the WDFW archaeologist, who conducted an assessment of the likelihood that the project would encounter archaeological resources. The assessment was based on archival review, an understanding of local expressions of precontact and historic era settlement patterns and a consideration of the scope and nature of the proposed project. As the project anticipates only incidental of low volume disturbance and will take place within the demonstrated vertical and horizontal limits of previous construction or disturbance, the likelihood that the project would encounter archaeological materials is extremely low. WDFW will conduct a reconnaissance level Historic Property Inventory and record the results on a HPI form and submit the record to DAHP.*

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

*If historically or archaeologically significant materials (or evidence thereof) is discovered during construction activities, all construction work will stop, the site will be secured, and the WDFW inadvertent discovery plan for cultural resources will be followed. Contractors and WDFW staff will be briefed on the plan prior to project initiation. No expansion of the pipeline is proposed*

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. [\[help\]](#)

*Highway 101 and existing country roads serve this site.*

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

*The nearest transit system is unknown.*

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

*No parking spaces will be created. No parking spaces will be eliminated.*

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

*The proposed proposal will not require any new or improvements to existing roads, or require any updated transportation facilities, or driveways. The pipeline route is primarily buried under an existing unpaved access roadway. At project completion, the roadway will be resurfaced.*

- 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 proposed project will not occur in the immediate vicinity of water, rail or air transportation.*

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

*There will be no change to existing conditions.*

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

*None are proposed.*

**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 increase in public services is anticipated.*

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

*No measures are proposed.*

**16. Utilities** [\[help\]](#)

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

*These facilities are available at the Eells Springs hatchery.*

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. [\[help\]](#)

*Electrical service to the hatchery is existing from a local provider. No new utilities are proposed,*

**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: Cynthia Knudsen

Name of signee Cynthia Knudsen

Position and Agency/Organization WDFW. Biologist

Date Submitted: 4/15/16

