WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

North Fork Washougal Weir and Adult Handling Facility

2. Name of applicant:

Washington State Department of Fish and Wildlife (WDFW)

3. Address and phone number of applicant and contact person:

Tim Ward (WDFW)
600 Capital Way North
Olympia, Washington 98501-1091

(360)902-8372

4. Date checklist prepared:

November 20, 2012

5. Agency requesting checklist:

Skamania County

6. Proposed timing or schedule (including phasing, if applicable):

The project is proposing to begin construction in the Summer of 2013 and finish construction by Fall 2013.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Biological Assessment
Joint Aquatic Resources Permit Application (JARPA)

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.

No

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

- Nationwide 404
- Section 401 Water Quality Certification
- Section 106
- SEPA Determination
- Hydraulic Project Approval (HPA)
- Shoreline Substantial Development (Skamania County)

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 project includes development of a barrier weir just upstream of the existing adult collection ladder. The barrier will prevent fish from migrating upstream and guide adult salmonids, including steelhead, into the adult collection ladder. The project also includes modifications to the adult holding pond that will allow direct transfer of natural-origin adults, via a return pipeline, to a deep pool in the river near the holding pond. Natural-origin adults returned to the river could continue their upstream migration or hold until flows are adequate for continued upstream migration.

Design drawings provided by MWH Americas are attached. The project can be divided into three primary components: Work above OHWM; work below OHWM: and site restoration/cleanup. Below is a brief construction sequence and more detail about the primary components of the project.

Sequencing

- Install temporary erosion and sediment controls.
- Place Phase 1 cofferdam and divert river to the south.
- Remove existing rip/rap and excavate for north abutment.
- Construct north half of barrier weir and abutment.
- Backfill north abutment and construct low retaining wall.
- Install fish return pipe.
- Replace rip/rap.
- Remove Phase 1 cofferdam.
- Place Phase 2 cofferdam and divert river through stoplog section of barrier weir.
- Construct south half of barrier weir and south abutment.
- Backfill south abutment and place rip/rap.
- Remove Phase 2 cofferdam.
- Construct low earthen berm and hydroseed.
- Remove temporary sediment and erosion controls.

Work Above OHWM

- **Temporary Erosion and Sedimentation Control (TESC) BMP Installation.** General TESC BMPs will be installed prior to beginning the construction activities. BMPs that will be implemented for the project will include, but will not be limited to, the following:

- Accepted and approved erosion protection measures, such as silt fence, jute mesh, straw mulch, or silt fences will be used to prevent soil loss.
- Stabilized construction entrances will be established and used throughout construction.
- Filter fence barriers will be established if necessary around staging and stockpile areas.
- Construction equipment hoses and fittings will be inspected and replaced, if necessary, before equipment is used to minimize the potential for mechanical and hydraulic oil spills.
- Distinct fueling areas within the construction areas will be identified above OHWM and equipped with spill prevention and control devices.
- Adequate TESC materials will be placed on-site to respond to unanticipated weather conditions or accidental releases of materials (sediment, concrete or fuel).
- Construction limits will be marked prior to start of construction.
- A formal TESC plan will be developed and specify additional BMPs to be implemented when working in or adjacent to the stream.

- **Construct Low Retaining Wall**
- **Construct Low Earthen Berm**

Work Below OHWM

- **Temporary Cofferdam Installation.** The project has been divided into two phases to separate the north (Phase 1) and south (Phase 2) areas of the river and allow for continuous water flow through the river channel during project activities below the OHWM. The northern cofferdams will be constructed first to dewater the northern half of the project area and allow for work to be completed in the north half.

  The work area will be dewatered by installing cofferdam structures adjacent to the fish ladder facilities. The cofferdams will be sized to allow for just enough room to complete the work. The cofferdams may be made of large sandbags filled with clean, washed sand, or they may consist of Port-a-dam® or similar system, which will likely have steel or ecology block framework that supports a heavy duty plastic membrane/tarp. After construction activities below the OHWM in the northern half are completed the north Phase 1 cofferdam will be removed and the southern Phase 2 cofferdam will be installed to dewater the south half of the river.

- **Dewatering the Work Area and Fish Removal.** The work area will be dewatered by installing the cofferdam around the immediate work area. Water will be allowed to flow in the south half of the river when the northern cofferdam is installed and will flow in the north half of the river when the southern cofferdam is installed. Because the water will be allowed to flow downstream, fish migration will not be impacted. The area that will be dewatered (both in Phase 1 and 2) will be seined and fish will be herded out of the project area prior to complete installation of the cofferdams. The exclusion areas will be pumped dry as necessary using an appropriate sized pump with screens that adhere to NMFS guidelines for screening. Water will be pumped into an upland temporary settling area with appropriate BMPs prior to re-entering the stream. If fish are observed within the work area during pumping they will be seined out of the project area. Handling of listed fish species is not expected.

- **Construct Barrier Weir and Abutment.** Once the site has been dewatered the rip/rap will be removed and excavation for the north abutment will begin. Once excavation has been completed the northern half of the barrier weir and abutment will be constructed. The abutment will then be backfilled. Once the south half of the river has been dewatered (Phase 2), the south half of the barrier weir and abutment will be constructed. The south abutment will be backfilled and rip/rap placed overtop to secure this area of the weir.

- **Stoplog Installation.** The stoplog section will be constructed to accommodate low flow conditions. This will enable hatchery personnel to lower the weir height on one area to direct channel flow to one side of the river. This will discourage fish from jumping onto and becoming stranded on the weir apron.

- **Install Fish Return Pipe.** The release point for the wild steelhead is via the fish return pipe. The fish return pipe will extend from the southeast corner of the adult holding pond to the river at a point approximately 80-feet upstream of the weir.

Site restoration/cleanup.

- **Native planting and hydroseeding.** Although it is not expected, if bare soils are exposed due to construction equipment accessing the area, the impacted areas will be hydroseeded as needed. The species to be used will be consistent with existing conditions found adjacent to the stream, including native grasses and clovers.
- **Erosion control feature removal.** The temporary erosion control measures and BMPs will be removed when construction activities are completed and it has been determined that the structures installed are functioning correctly.
- **Stream introduction.** The cofferdam structures will be removed to restore natural flows once the project has been completed. Heavy machinery operating from the bank may be used to aid in the removal of exclusion structures. The construction site will be slowly re-watered to prevent a sudden increase in stream turbidity.

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.

The existing Skamania Hatchery and proposed project is located at 391 Steelhead Road in Washougal, Skamania County, Washington, in Section 32 of Township 02 North and Range 05 East of the Willamette Meridian. The fish ladder and adult fish pond (project area) is situated at the south end of the hatchery facilities on the North Fork Washougal River.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . Gentle slopes

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

The left (east) river bank at the project site is very steep to near vertical, approximately 75 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 prime farmland.

The soils within the project area are mapped as Arents, 0 to 5 percent slopes where the hatchery facility is situated and as Mountzion clay loam, 15 to 30 percent slopes south and west of the hatchery.

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

Evidence of small slides were observed on the western bank of the river across from the fish ladder.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

The proposed project actions will require fill and excavation to be completed. The table below describes the amount of fill and excavation along with the fill materials for each project action.

EXCAVATION AND FILL QUANTITIES BROKEN DOWN BY PROJECT ACTIONS

Project Action	Adjacent to Waterbody		Within Waterbody		Fill Material
	Excavation	Fill	Excavation	Fill	
Earthen Berm	70	140	0	0	Earth fill
Low Retaining Wall	50	40	0	0	12 cubic yards crushed gravel, 8 cubic yards of quarry spalls, 20 cubic yards of earth fill
Left Abutment (north)	70	120	90	120	12 cubic yards of topsoil/earth fill (above the OHWM), remainder is structural fill
Right Abutment (south)	50	90	90	80	15 cubic yards of topsoil/earth fill (above the OHWM), remainder is structural fill
Rip/rap	0	5	0	10	18 inch to 24 inch rock
Weir	0	0	110	0	No fill, concrete poured against bedrock
Fish Return Pipe	25	25	35	30	9 cubic yards of pea gravel (pipe bedding), 6 cubic yards topsoil (above the OHWM), 6 cubic yards rip/rap (half below the OHWM), remainder is structural fill

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

There is potential for erosion to occur during project activities. However, the contractor will implement temporary erosion and sediment control best management practices (BMPs) to reduce the potential.

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

There will be no new impervious surfaces as a result of this project.

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

BMPs will be used as needed to control potential erosion during construction activities.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Sources of emissions during construction include fugitive dust and equipment exhaust. Quantities of emissions generated and transported off-site will depend on weather conditions, but are anticipated to be minor and of short duration. There are no long term sources of air emissions associated with the operational phase of the project.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Standard emission control devices, in conformance with federal and state air quality standards for the specific class and type of equipment, will be utilized during construction phases of the project. Other BMPs will be implemented as needed.

3. **Water**

a. Surface:

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.

Yes – North Fork Washougal River

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.

Yes – The project will be situated within North Fork Washougal River

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.

See the above table (Excavation and Fill quantities Broken down by Project actions) for the estimated amount of fill and excavation material that would be placed within the waterbody.

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

No, the project will not require any surface water withdrawals or diversions.

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

Yes, the project lies within the 100-year floodplain.

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.

No, the project does not involve any discharge of waste materials to surface waters.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No, groundwater will not be withdrawn or water 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.

Waste material will not be discharged into the ground from septic tanks or other sources.

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.

Stormwater runoff is from impervious surfaces such as compacted gravel roads and concrete surfaces. These waters drain to North Fork Washougal River and are not treated. This will not change as a result of the project and there will be no new impervious surfaces.

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

Waste materials will not enter the ground or surface waters.

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

BMPs will be used as needed during construction activities. Runoff will be reduced by limiting the area of disturbance to the smallest area required for safe working conditions. Surface water is best controlled by installing check dams, filter fences, straw bales, sediment traps, trench and slope breakers or other erosion control devices as needed depending on site specific conditions. Exposed and un-worked soils shall be stabilized using effective BMPs such as seeding or mulching to prevent erosion throughout the life of the project.

4. **Plants**

a. Check or circle types of vegetation found on the site:

X_____ deciduous tree: alder, maple, aspen, other
X_____ evergreen tree: fir, cedar, pine, other
X_____ shrubs
X_____ grass
_____ pasture
_____ crop or grain
_____ 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?

There are no plans to remove or alter vegetation on site. The project will be situated within the fish ladder facility and is not proposing to alter the upland area.

c. List threatened or endangered species known to be on or near the site.

There are no known threatened or endangered plant species on or near the site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

BMPs will be utilized as needed during construction activities. To prevent the spread of weeds such as reed canarygrass (*Phalarus arundinacea*), construction equipment will be thoroughly cleaned prior to mobilization and prior to removal. If working within known weed infested areas, special attention will be paid to preventing the spread of the weed. Mulch, straw/hay bales and seed used on-site will be free of noxious weeds as available.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

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

b. List any threatened or endangered species known to be on or near the site.

Lower Columbia River Chinook (*Oncorhynchus tshawytscha*), threatened
Lower Columbia River Coho (*Oncorhynchus kisutch*), threatened
Lower Columbia River Steelhead (*Oncorhynchus mykiss*), threatened

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

North Fork Washougal River is part of a fish migration route. The state of Washington and therefore, the project corridor, is also located in the Pacific flyway zone, which is a major migration route for waterfowl in the United States, Canada and Mexico.

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

BMPs will be applied as needed during construction. The work will be done in the existing footprint of the fish ladder facilities, work will be done in the dry and during the appropriate work windows. Post construction there will be no impacts to wildlife because the project is a fish passage improvement project that will improve passage for salmonids.

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.

No energy will be used to meet the completed projects needs.

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

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:

There are no energy conservation features as part of the proposal.

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.

No, there are no environmental health hazards that could occur as a result of this project.

1) Describe special emergency services that might be required.

There are no special emergency services that will be required. The structures within the fish ladder facility are changing but the purpose and function will not change.

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

There are no anticipated environmental health hazards that will result from this project.

However BMPs will be utilized as needed and can be developed in accordance with Department of Ecology and the Federal Clean Water Act which addresses: chemicals, cleaners and spill prevention and response.

b. **Noise**

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

Noise will not affect the project. The project is situated in a rural area with some single family homes and forested habitat adjacent to the project area.

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.

Noise standards generally exempt construction noise impacts between the hours 7:00 a.m. and 10:00 pm. Short-term impacts due to construction are expected to come from typical construction equipment such as bull dozers. Nighttime construction is not anticipated for this project. Construction activities will comply with Ecology noise guidelines and noise control code for Wahkiakum County. After the project construction is complete, noise levels within the work area would return to background conditions.

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

All construction equipment will be equipped with standard sound attenuation devices and will meet Ecology's noise guidelines and County noise standards. Construction will be limited to normal working hours as required by local regulations, unless construction and/or traffic considerations require an alternative schedule.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The Washington Department of Fish and Wildlife (WDFW) has operated the Skamania Hatchery since 1957. The property is currently being used as a fish hatchery. The work area of the property is specifically for the fish ladder and diversion dam located at the south end of the property.

The surrounding area is composed of forest habitat and residential development.

b. Has the site been used for agriculture? If so, describe.

The site has been used since 1957, as a fish hatchery facility. It is not known what the land was used for prior to 1957.

c. Describe any structures on the site.

Structures on the property are associated with the fish hatchery facility. Buildings and the intake facility are located in the north part of the property. The main office with associated parking lot and rearing ponds are located in the center of the property. The fish ladder, adult fish ponds, and care taker home are in the south part of the property where the proposed work will take place. Gravel roads extend throughout the facility. Vegetation surrounding these structures is composed mainly of mowed grasses with scattered trees and shrubs throughout.

d. Will any structures be demolished? If so, what?

No

e. What is the current zoning classification of the site?

West End Forest Lands 20 (WE-FL20)

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

Forest Lands 20 (FL20)

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

Conservancy

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

North Fork Washougal River is a Type S waterbody and is within the project area. No other environmentally sensitive area has been designated within the site.

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

None

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

None

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

There will be no displacement impacts associated with the project and therefore no measures are proposed.

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

Project will not be changing the current land uses. The site will still be part of the fish hatchery facility after the project has been completed.

9. **Housing**

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

Housing will not be provided as a result of this project.

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

Housing will not be eliminated as a result of this project.

c. Proposed measures to reduce or control housing impacts, if any:

There will be no impacts to housing as a result of the proposed project and therefore there are no measures proposed.

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?

The proposed structures will all be located within the North Fork Washougal River and the tallest will be approximately 4.5 feet.

Building materials for the project consist of crushed gravel, quarry spalls, earth fill, rip/rap and concrete.

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

Views in the immediate vicinity will not be altered or obstructed.

c. Proposed measures to reduce or control aesthetic impacts, if any:

There should be no aesthetic impacts as a result of this project and therefore there are no measures proposed.

11. **Light and glare**

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

The project should not produce light or glare.

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

The proposed project should not have any hazardous light or glare.

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

Off-site light or glare will not affect the project.

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

There are no measures proposed to reduce light or glare.

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

The hatchery is a form of recreation itself, as visitors are allowed to visit the facility. Also, although not observed during the site visit, North Fork Washougal River likely provides opportunities for fishing.

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

No. The project should not displace existing recreation uses.

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

Since no impacts are expected, no measures are proposed.

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

There are no known sites on or in the immediate vicinity to the project site. The Department of Archaeology and Historic Preservation (DAHP) WISAARD mapping application, does not map any properties within 1-mile of the site.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

According to the June 2011 Cultural Resources Report, there are no previously recorded archaeological sites or prior archaeological investigations conducted within the project area (Parus Consulting 2011). Also no cultural resources were identified within the project area during the survey for the project and there are no known cultural properties that will be affected by the project.

c. Proposed measures to reduce or control impacts, if any:

There are no historic properties mapped within 1-mile of the project site and therefore no historic or cultural impacts are expected and no measures are proposed.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

The hatchery as well as the project area is accessed from Steelhead Road via N Fork Road.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No the site is not served by public transit. There is no public transit near or adjacent to the site.

c. How many parking spaces would the completed project have? How many would the project eliminate?

The project does not include parking

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

The project does not include any road work.

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

The project will not use or 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? If known, indicate when peak volumes would occur.

The completed project will not generate additional vehicular trips.

g. Proposed measures to reduce or control transportation impacts, if any:

There should be no impacts to transportation as a result of this project and therefore there are no measures proposed.

15. **Public services**

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

The project will not result in the need for increased public services.

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

Impacts to public services are not expected, therefore there are no measures proposed.

16. **Utilities**

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

Although some of the above utilities are available at the main portion of the Skamania Hatchery facility, there are no utilities available at the proposed work area at the fish ladder.

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.

There are no utilities proposed for this project.

C. SIGNATURE

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: Marcelle V. Lynde

Date Submitted: December 11, 2012