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*: **New Voights Creek Hatchery Project***

2. Name of applicant: ***Washington Department of Fish and Wildlife***

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

Washington Dept of Fish and Wildlife
Capitol Programs & Engineering Division
600 Capitol Way North
Olympia, WA 98501-1091

Contact Person: Marty Peoples
Fish and Wildlife Biologist
Telephone Number: (360) 902-8426
Fax Number: (360) 902-8367
E-Mail: peoplmdp@dfw.wa.gov

4. Date checklist prepared: ***January 23, 2013***

5. Agency requesting checklist: ***WASHINGTON DEPARTMENT OF FISH AND WILDLIFE***

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

WDFW proposes to do this project in 2013 and 2014.

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

No additional activity is planned for this project after the new hatchery construction and the old hatchery demolition.

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

A wetland delineation report and biological evaluation has been prepared for this project. A cultural resources assessment was also performed.

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.

There are no known pending applications associated with or affecting this project.

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

A WDFW Hydraulic Project Approval, a Pierce County Shorelines Permit, a Section 401 Water Quality Certification and a Corp of Engineers Section 404 Permit 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.)

This project will replace the existing flood-plagued Voights Creek Hatchery with a new hatchery outside of the 100 year floodplain of Voights Creek. This project will be constructed with State and Federal funds, and is supported by the Puyallup Tribe of Indians.

The new hatchery will be made up of the hatchery compound in the uplands of the property sited on the south side of State Route 162. The hatchery compound will have concrete ponds for holding and rearing fish, a hatchery building for hatching the eggs, a pollution abatement pond for clarifying the water from fish waste, a fish feed storage building, and an office/storage building for equipment, administration, and interpretive information. The compound will also have paved parking for staff and public, and be accessed off Voight Meadows Road, which has direct access to State Route 162. A residence from the old hatchery will be moved to a site next to the hatchery compound and a garage will be provided for this residence.

Operation

The water source for the hatchery will continue to be Voights Creek. A new intake will be constructed in the creek upstream of the existing intake. The water will be pumped through a buried pipe to the hatchery compound. After the water runs through the hatchery ponds it will flow down a fish ladder back to the intake area, and back into the creek. The intake will consist of a concrete structure with metal perforated screens on the left (south) bank of the creek. In the stream will be a concrete slab. This slab will provide a base for a steel plate weir that will be pneumatically raised in order to provide a sufficient depth of water against the screens. At most times the weir will be raised in order to provide this depth, but at high flows periods the weir will be lowered to maintain maximum drainage potential and avoid impaired floodplain capacity. The calculated 100 year flood level along the creek will not be impacted.

This cross-stream slab will also provide a base for a temporary picket barrier erected across the creek at the times that the hatchery's adult salmon are returning, to divert adult fish to the hatchery. When the salmon encounter the picket barrier they will find passage at the entrance to the fish ladder and continue their migration up to the hatchery adult ponds where they will be trapped and spawned. Wild fish will also be trapped in the adult ponds but will be returned to the creek; however trapping periods in the fall for hatchery origin chinook do not coincide with peak return periods for steelhead.

During periods when the hatchery is not collecting broodstock, any fish that travel up the fish ladder will be diverted through a bypass structure back into the stream above the intake. Passage to the hatchery will be blocked at this point.

Mitigation

Mitigation for the impacts of this project will be performed the summer after initial new hatchery and intake construction. Selected features of the existing hatchery will be demolished including the existing in-stream intake and adult fish pond entrance, the spawning shed situated within the adult pond, and the old hatchery building and storage building. Riprap just upstream of the adult pond will be removed and the bank restored.

The existing adult pond will be made accessible as off channel fish habitat and the slopes will be seeded and planted with native vegetation. Large woody debris structures will be installed at the location of the removed intake and adult pond entrance and this entire riparian area will receive plantings of native vegetation.

At the mouth of Coplar Creek a 3' diameter pipe and an 18" diameter pipe and associated

riprap will be removed and the streambed restored. The bank will be restored to a 2:1 slope and the area will be planted with native trees and shrubs. Plantings of native trees and shrubs will also occur in the wetland buffer near the hatchery compound.

As funding allows, the remainder of the visible hatchery features (except the 1974 residence and access to it) will be demolished and the area restored.

Stream Isolation

Water intake construction will be done in the dry by isolating the in-stream work area using super sacks and plastic sheeting to form cofferdams. These cofferdams will span the entire stream width and one or two large diameter pipes (number, size and material as determined by the contractor) will divert flow around the construction area by either gravity or pumping. The pipe intake will be housed within a screen box to prevent juvenile fish injury or entrapment. The isolated work area within the cofferdams will be dewatered by pumping turbid water to an upland area for settling and infiltration. Additional pumping of clear water within the isolated work area may occur if excessive seepage is encountered. This clear water would be collected and pumped over the barrier into the stream. This method of coffer damming will also be used for the construction area at the mouth of Coplar Creek.

The demolition site at the old intake will be isolated using a coffer dam (as described for new intake construction) to allow demolition work to be done in the dry. The isolated area will span only half the stream channel allowing stream flow past the demolition site eliminating the need for a bypass pipe.

Beaver Dam Removal

A beaver dam now exists on Coplar Creek located approximately 50 yards upstream from the confluence with Voights Creek. The beaver dam is backing water into portions of the fishway work site and will prevent construction if not removed. The dam is 40 feet long and varies from 2 to 8 feet in height. WDFW proposes to remove 20 feet of dam to restore the main creek channel and release impounded waster. The dam will be removed in two steps.

First, notches will be made in the dam by hand to lower the impounded water level by 2 feet or more if possible. This will allow a slow release of water and reduce turbidity impacts. After this an excavator operated from above OHW will remove dam debris from the stream channel. Beaver dam debris (mud and wood) will hauled off-site to prevent the opportunity for turbidity impacts to Coplar Creek. The remaining 20 feet of beaver dam mostly located at top of bank elevation will be left in place for future recruitment of woody debris into this watershed.

Specific Hatchery Features

1. Water Intake: The intake structure is composed of retaining walls, concrete slab, a pneumatic weir in the stream, and an abutment on the far (north) bank. The upper intake structure is all concrete approximately 30 feet in length, with five pumps mounted at the rear of the structure approximately 16 feet back from the intake screen face. A retaining wall along the stream

upstream of the intake serves as a platform for equipment staging for future maintenance. Sheetpile will be driven at the downstream edge of the concrete slab to prevent undermining scour. The 12" thick concrete slab is approximately 34' wide x 30' long and serves as the base for the pneumatic weir and picket barrier. Sheetpile below the slab's upstream and downstream edge serves to prevent undermining scour. On the north bank is a concrete abutment wall from the slab to the top of the bank, approximately 9' tall, and approximately 50' long, with 14' long wingwalls into the bank. Sheetpile below the concrete walls prevents undermining scour. At the top of the bank behind this abutment will be a compacted crushed rock pad for staging of equipment for future maintenance. Riprap will be placed on the banks upstream and downstream of these walls for 10 feet to control local turbulent scour at the structure transitions.

2. Fish Ladder: The fish ladder is a below-grade concrete channel approximately 5 feet wide x 6 feet deep. The water level in the channel will operate at a depth of approximately 3 feet. This fish ladder channel will be covered with steel grating its entire length (length to hatchery).

3. Mechanical/Electrical Building: Near the intake inside the fenced enclosure a 15' x 15' x 10' tall mechanical building will be of concrete block construction with metal roof. A steel compressed air receiver will be next to it. A sound insulated standby generator and its above-ground double-containment diesel storage tank will be sited next to the mechanical building.

4. Intake Access: Access to the intake will be by gravel road from the north side of SR162 where an existing gravel access exists. The new access will receive an asphalt pavement apron at the highway, and the remainder of the access and road will be compacted crushed rock.

5. Fish Rearing / Adult Ponds: Concrete fish rearing ponds, measuring 110' x 110', and 73' x 123' will be sited on the hatchery compound. Bird predation prevention poles and wires will be constructed at each pond. One end of the adult ponds a roof will be installed along the entire width, 20' long and approximately 15' tall.

6. Hatchery Building: The steel-framed and sided hatchery building will be 34' x 54' x approximately 16' tall.

7. Pollution Abatement Pond: The concrete pollution abatement pond will be 49' x 100'. This pond will be used to clarify water used during pond cleaning before discharging to the hatchery drain. This pond will also be used to clarify water used in the hatchery building for hatching eggs.

8. Feed Storage Building: The wood framed, metal sided and roofed fish feed storage building will be approximately 18' x 18' x 12' tall.

9. Office/Storage Building: The steel framed, sided and roofed office/storage building will be 34' x 90' x approximately 16' tall. Interior walls will be wood framed.

10. Surfacing: The hatchery compound will receive asphalt pavement. The 22 public parking spaces are based on historical use.

11. Access Road: The 24' wide driveway provides access to Voight Meadows Road.

Conservation Measures

Conservation measures will be taken during construction to minimize impacts to fish and wildlife species and habitat. Conservation measures that will be taken include providing dust abatement capabilities and using BMP's to eliminate any erosion potential that may result from storm water during construction periods. The specific measures are:

1. Any storm water runoff will be contained using erosion control Best Management Practices. Specifically, a silt fence will be installed around upland construction sites to filter sediment which may be suspended in runoff water.

2. In-stream work areas will be isolated from surface waters to prevent sediment laden water from impacting waters outside the work area and to protect fish resources.

3. Equipment will be washed before entering the job site and inspected daily for fuel or lubricant leaks.

4. Equipment staging and fueling areas will be completely isolated from surfaces waters to avoid the possibility of impacts to surfaces waters resulting from fueling or staging activities.

5. Install rock construction entrances at the construction site access points to control tracking of sediments onto public roads and stormwater ditches.

6. Construct temporary sediment trap for the grading activity.

7. Erosion control seeding and final seeding will be applied to surfaces subject to erosion.

8. During November 1 through March 31 all disturbed areas greater than 5,000 square feet that are subject to erosion will be stabilized by mulch or plastic covering.

9. Beaver dam removal will be performed incrementally to allow a slow release of impounded water of reduce 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 Voights Creek Hatchery site is located 1.3 miles southeast of Orting on Highway 162. After crossing over Voights Creek on Highway 162, the existing hatchery is the first left, immediately after the bridge at Pioneer Way. The new hatchery site is directly across Voight Creek and Highway 162 from the old hatchery. It can be reached by turning onto Voight Meadows Road before crossing the Highway 162 bridge over Voight Creek.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

The site is cleared and level and has previously been used for agricultural purposes.

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

10%.

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 soil is classified as Orting loam.

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

There are no apparent indications of unstable soils.

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

Concrete will be poured at the new intake site and at the fish ladder bypass site. A total of 127 cubic yards of concrete will be installed below ordinary high water. At the fish ladder bypass 8 cubic yards of concrete will be poured. Concrete installation will only occur within areas previously isolated from the stream. Freshly poured concrete will not come into contact with surface waters. Four cubic yards of rip rap will be used at the fish ladder bypass and will be acquired at a local quarry.

For all project sites within this stream construction area, there will be a net cut of 77 cubic yards of concrete below OHW, a net cut of 31 cubic yards of rip rap below OHW, and a net cut of 80 cubic yards of soil below OHW. Beaver dam removal will result a cut of 10 cubic yards of mud and woody debris.

A channel will be excavated through a wetland for fish ladder installation. Part of the excavated material will be returned to the immediate site and placed as bedding around the new fish ladder. A total of 1107 cubic yards of material will be initially excavated from this area. A total of 852 cubic yards of material will be placed into this area as fill. Fill material will consist of 660 cubic yards of dirt from the initial excavation and 193 cubic yards of concrete for the fish ladder. There will be a net cut of 255 cubic yards for this area. Excess dirt will be hauled to an approved dump site.

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

Yes, minor erosion could occur during rainfall events but is not likely. In water work areas will be dewatered and isolated from surface waters, except for the beaver dam removal which will employ a removal method designed for a slow release of water and elimination of fallback as dam materials are removed. Disturbed upland areas will be isolated using a silt fence to prevent sediment laden water from reaching Voights Creek. Other best management practices will be employed including using straw and jute matting to stabilize disturbed soils. Work will be done during periods of low precipitation.

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

This site will have 6.6% impervious surfaces coverage.

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

Any potential erosion will be prevented using erosion control Best Management Practices. Specifically, a silt fence will be installed around upland sites and a temporary barrier will isolate aquatic construction sites from surface waters. Beaver dam removal will employ hand removal of specific sections of dam to allow impounded water to drain. This will allow nearly all follow-up dam removal work with an excavator to be done in the dry reducing stream impacts. A small amount dam removal work will require the excavator bucket to enter surface waters. During this activity the bucket will be restricted to not exceed half full and a thumb on the bucket will used to eliminate fallback and discharge of dredged materials.

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.

Vehicle exhaust and dust from construction is expected. No long-term change in emissions is expected from the completed 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:

Equipment will be maintained and inspected to ensure proper function of all emissions control equipment.

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.

Voights Creek and Coplar Creek are within the project site.

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, all components of this project are directly adjacent to and within Voights Creek and Coplar Creek. These activities are described in the attached drawings.

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.

Concrete will be poured at the new intake site and at the fish ladder bypass site. A total of 127 cubic yards of concrete will be installed below ordinary high water. At the fish ladder bypass 8

cubic yards of concrete will be poured. Concrete installation will only occur within areas previously isolated from the stream. Freshly poured concrete will not come into contact with surface waters. Four cubic yards of rip rap will be used at the fish ladder bypass and will be acquired at a local quarry.

At the new intake site, 80 CY of soil will be removed using an excavator. At the old intake demolition site, 191 CY of concrete and 30 CY of rip rap will be removed from below ordinary high water. At the Coplar Creek culvert removal site, 13 CY of concrete and 5 CY of rip will be removed. All excess material will be hauled out of the floodplain to an approved dump site. Beaver dam removal will result a cut of 10 cubic yards of mud and woody debris.

For all four project sites within this stream construction area, there will be a net cut of 77 cubic yards of concrete below OHW, a net cut of 31 cubic yards of rip rap below OHW, and a net cut of 90 cubic yards of soil below OHW.

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

Yes. Points of diversion will be changed on water rights but total volume of allowable water usage will not be changed. WDFW is now applying to Ecology for water rights point of diversion modifications to the existing water rights documents for this hatchery.

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

Yes, a portion of the site is 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 waste material will be discharged into 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.

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.

No waste material will be discharged from this source. Waste from two hatchery residences, an office building and storage building will be treated onsite with a Pierce County and State approved septic system. Agricultural chemicals will not be applied as part of this project or as a result of this project.

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.

The source of runoff at the construction site would be precipitation, which is expected to minimal during the summer construction period. Storm water treatment facilities are already in place from site development activities prior to WDFW ownership.

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

With the implementation of impact minimization measures, no waste materials are anticipated to enter ground or surface waters.

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

Conservation Measures

Conservation measures will be taken during construction to minimize impacts to fish and wildlife species and habitat. Conservation measures that will be taken include providing dust abatement capabilities and using BMP's to eliminate any erosion potential that may result from storm water during construction periods. The specific measures are:

1. Any storm water runoff will be contained using erosion control Best Management Practices. Specifically, a silt fence will be installed around upland construction sites to filter sediment which may be suspended in runoff water.

2. In-stream work areas will be isolated from surface waters to prevent sediment laden water from impacting waters outside the work area and to protect fish resources.

3. Equipment will be washed before entering the job site and inspected daily for fuel or lubricant leaks.

4. Equipment staging and fueling areas will be completely isolated from surfaces waters to avoid the possibility of impacts to surfaces waters resulting from fueling or staging activities.

5. Install rock construction entrances at the construction site access points to control tracking of sediments onto public roads and stormwater ditches.

6. Construct temporary sediment trap for the grading activity.

7. Erosion control seeding and final seeding will be applied to surfaces subject to erosion.

8. During November 1 through March 31 all disturbed areas greater than 5,000 square feet that are subject to erosion will be stabilized by mulch or plastic covering.
9. Beaver dam removal will be performed incrementally to allow a slow release of impounded water of reduce turbidity.

4. **Plants**

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

X deciduous tree: alder, maple, aspen, other: cottonwood
X evergreen tree: fir, cedar, pine, other
X shrubs
X grass
X 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?

Disturbance of vegetation will be avoided when possible. A small amount of riparian vegetation will need to be removed at the new intake site. One large black cottonwood tree, two red alders (30 feet tall) and 50 square feet of mixed willow shrubs will be removed. This vegetation will be mitigated for through riparian plantings identified on the drawings.

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

No threatened or endangered plant species are known to occur in this area.

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

Riparian and wetland buffer plantings will be made using native plant species. This will improve habitat quality at this location and mitigate for project effects. Specific plantings are identified on the site plans.

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:

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

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

Puget Sound Chinook, Puget Sound Steelhead and Bull Trout occur at or near this site.

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

Elk and waterfowl use this area as part of a migration route.

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

To preserve fish resources, WDFW will schedule this project during periods of minimal use by fish species to avoid any harmful impacts upon fish.

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.

The hatchery buildings will be heated using electric heat. One residence that is being relocated from the old hatchery site is currently using oil for heating and will continue to use that source once it is moved.

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

This project will not affect solar energy use.

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:

Energy conservation features include using current building standards and materials that are designed to be energy efficient.

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.

Materials likely to be present include gasoline and diesel fuel, hydraulic fluid and lubricants. An accidental spill of one these products could occur during project operations.

1) Describe special emergency services that might be required.

None anticipated.

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

A spill prevention and pollution control plan will be prepared by WDFW project engineers to reduce risk of spills and to provide guidance if a spill occurs. Environmental health hazards are not expected as a result of this project. Only approved construction equipment and materials will be used in construction of this project.

b. **Noise**

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

None.

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

Increased levels of noise during construction activities are expected from this project. Hours of increased noise levels will be 7am to 6pm. No change in noise level is expected from the completed project.

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

None planned.

8. **Land and shoreline use**

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

Currently the site is vacant and ready to be developed. The adjacent properties include parcels for sale for private home sites.

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

Agricultural practices have occurred here but no longer exist.

c. Describe any structures on the site.

The only structure on this site is a large pole building. Stormwater ponds are also on site.

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

The old Voights Creek Hatchery is scheduled to be demolished after completion of the new hatchery. The only structure from the old hatchery that will remain is a residence for hatchery personnel. An additional residence will be relocated to the new site. See project drawings for additional details on demolition.

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

Agricultural Resource Land and Rural 20.

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

Rural 20

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

N/A

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

This work occurs within White River elk range as identified on the PHS database.

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

Three WDFW hatchery staff will work at the completed project. Housing is available for two families.

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

None

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

None

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

This project will be consistent with WDFW Wildlife Area planned uses which provides for public access and viewing at WDFW hatcheries.

9. **Housing**

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

Public housing will not be affected or provided.

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

No housing units will be eliminated.

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

None planned.

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 tallest building proposed will be approximately 30 feet at the peak. Principle building materials will be wood.

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

No views will be affected.

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

None planned.

11. **Light and glare**

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

No change will result in glare.

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

No. This project is not expected to result in safety hazards or altered views.

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

None

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

None

12. **Recreation**

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

There are fishing and wildlife viewing opportunities near this site.

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

No recreational activities will be displaced.

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

WDFW will continue operations at the old hatchery until the new hatchery is ready to assume operations. This will avoid a disruption to recreational, commercial and tribal fishing opportunities resulting from fewer harvestable salmon.

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.

The Washington State Department of Archaeology and Historic Preservation records database was checked to ensure that no currently listed objects or places occur at this site. A cultural resource assessment was also performed by a professional archaeologist to protect against possible damage and loss of cultural resources. No significant findings were encountered.

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

None are known.

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

No measures necessary as determined by the cultural resource report.

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.

Highway 162 provides direct access to this site. Access will not be altered.

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

The site is not served by public transit. The nearest stop is 1.2 miles away at Orting.

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

The project will have 22 spaces designated for public parking available.

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).

This project will not impact any roads.

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

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

No additional vehicle trips are anticipated to result from this project.

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

None

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.

No

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

None

16. **Utilities**

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

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.

No utilities will be added or changed as a result of 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: Marty Beeples

Date Submitted: March 6, 2013

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

This proposal would not increase any items listed above.

Proposed measures to avoid or reduce such increases are:

None proposed.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

This proposal would not likely result in any change to plant, animal, fish or marine life.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

No measures proposed.

3. How would the proposal be likely to deplete energy or natural resources?

No effect on energy or natural resources.

Proposed measures to protect or conserve energy and natural resources are:

No measures proposed.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

This proposal is not likely to affect areas listed above.

Proposed measures to protect such resources or to avoid or reduce impacts are:

No measures proposed.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

This proposal will not alter shoreline or land use.

Proposed measures to avoid or reduce shoreline and land use impacts are:

No measures proposed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Not applicable.

Proposed measures to reduce or respond to such demand(s) are:

No measures proposed.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

This proposal does not conflict with environmental protection laws or requirements.