

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:

Reiter Ponds Hatchery Culvert Replacement

2. Name of applicant:

Washington Department of Fish and Wildlife (WDFW)

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

Larry Peck, 600 Capital Way N; Olympia, WA. 98501-1091 (360) 902-8376

4. Date checklist prepared:

03.20.2013

5. Agency requesting checklist:

WDFW

6. Proposed timing or schedule (including phasing, if applicable): Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

There are currently no plans for future additions or expansion beyond the current project proposal.

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

Basis of Design Report by GeoEngineers.

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 currently no other proposals directly affecting the property of the current proposal.

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

WDFW HPA, Appropriate County Permits

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 proposed project is the replacement of a 58 foot long road culvert; existing culvert is a 26 inch diameter concrete pipe set at a 12.2% slope with a 14 foot bottomless culvert. Existing culvert has been rated by WDFW as 0 percent passability. New proposed culvert designed to pass 100 year flow, sediment and other stream material.

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 proposed project site is located at WDFW's Reiter Ponds rearing facility, travel north on I-5 onto US Highway 2 south end of Everett, travel east on Highway 2 through the town of Goldbar, just past the fire station mile approximately 1.5 miles, turn right onto Reiter Road. Continue on Reiter Road (gravel) for approximately 1.5 miles hatchery site located at the bottom of the hill right hand side. Project address is 45300 Reiter Road, Goldbar, WA. 98251 SW1/4, Sec 11, Township 27 N, Range 9 E.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

All proposed work associated with the proposed project will be completed on the existing developed hatchery intake access road. The general descriptions of the work sites are flat, adjacent to the work area on the upstream side of the existing roadway is steep.

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

Approximately 8 to 10 percent, proposed work area is flat, the upstream adjacent lands are steep with over 30 percent slope.

- 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.

Soils in the vicinity are classified as Puyallup fine sandy loam, Skykomish gravelly loam and Tokul-Winston gravelly loam.

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

None.

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

The proposed project will result in a net cut of 210 CY. A total of 285 CY below OHM and 1030 CY above OHM will be removed during the construction phase of the project; duration is estimated to be approximately one week. Backfill will include 50 CY placed in culvert and will consist of streambed material, backfill for around culvert footings below OHW is 175 CY, and backfill around culvert/embankment above OHM will be 880 CY of suitable native material and select borrow as well as roadway aggregates on the prism. All backfill will be permanent in duration.

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

No existing erosion problems are known at the site, no erosion problems are foreseen for the proposed project. During the construction of the project the use of BMP's will be followed to prevent sediment entering the watercourse.

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

The proposed project will result in no net change in existing imperious surfaces.

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

Best Management practices will be used including sediment curtains and filter fabric. No sediment will enter the water or be allowed to migrate downstream. No equipment will enter the water to complete this proposed project.

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.

During construction, air emissions will include gaseous and potential low levels of dust. There will be no new air emissions from the completed project.

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

There are no off-site sources of emissions affecting the proposal.

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

Standard emission control converters and mufflers would be used by construction vehicles.

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, proposed project is for an unnamed tributary that enters the Skykomish River. The culvert replacement site is located approximately 150 feet upstream of the confluence at the Skykomish 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, all proposed elements of the Reiter Ponds Hatchery Culvert Replacement Project are directly in unnamed tributary approximately 150 feet upstream of its confluence with the Skykomish 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.

The proposed project will result in a net of 210 CY of cut. Project cuts includes 285 CY removed below OHM, 1030 CY removed above OHM; Project fill includes 50 CY streambed material placed in new culvert, 175 CY around culvert footings and 880 CY placed backfill around culvert and embankment.

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

Diversion of unnamed stream will be required for a short temporary period to facilitate instream work and placement of the new culvert.

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

Proposed Project is on the very edge of 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.

None.

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.

None.

w

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.

Storm water in the area sheet flows from imperious roads and graveled areas onto adjacent land is infiltrated before reaching surface waters. The proposed project will not change existing storm water runoff patterns.

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

No.

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

The proposed project will incorporate all appropriate requirements of the DOE 2005 Manual.

4. **Plants**

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

- _____ deciduous tree: alder, maple, aspen, other
- _____ evergreen tree: fir, cedar, pine, other
- _____ shrubs
- _____ grass
- _____ pasture
- _____ crop or grain
- _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other ferns
- _____ water plants:
- _____ other types of vegetation

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

Proposed project will occur on the developed footprint of the existing hatchery access road, potential slight vegetation (grass) removal associated with new expanded width of the new culvert. Proposed culvert will not exceed existing culvert length of 58 feet.

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

None.

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

None.

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:
- 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 Steelhead and Puget Sound Chinook stock are present in the Skykomish River approximately 150 feet downstream from the proposed project. Bull trout also use the Skykomish River Basin.

COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

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

No, however this unnamed tributary could potentially allow off channel refuge for salmonids during high and flood waters that occur in the Skykomish River.

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

The primary benefit of the project proposal is to improve fish, sediment and other streambed materials passage. Current culvert is currently undersized that precludes fish passage and provides for minimal sedimentation transfer.

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 new energy supplies will be needed in association with this proposal. Reiter Pond Hatchery currently is supplied electrical service and a single wood stove. Electrical services are currently and planned uses include office heating, lighting, small tools such as saws and drills, and minor office equipment, such as phone, computer, ect. .

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

The project would have no effect on the potential use of solar energy by adjacent properties.

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

None.

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.

The only environmental health hazards that could occur as a result of the project are those associated with the fueling and maintenance of construction equipment. The impacts may include spill of and exposure to fuels, hydraulic fluids and lubricants.

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

No special emergency services will be required for this project proposal.

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

Proposed measures to reduce and control environmental health hazards include the use of best management practices associated with construction equipment fueling and maintenance. Specifically, fueling and maintenance will be conducted in a manner that will minimize the potential for spill and contamination. Spill containment and cleanup kits will be maintained

onsite, and spills of fuel, hydraulic fluid, lubricants, or other hazardous materials will be cleaned up immediately with proper disposal.

b. **Noise**

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

There are no types of noise in the project area which will 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.

In the short term, there will be an increase in noise associated with increased traffic and construction equipment to complete the proposed project. For long term, WDFW does not anticipate increased traffic to the site.

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

Project construction will occur only during daylight hours and thus will not involve night-time noise disturbances.

8. **Land and shoreline use**

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

The proposed project site is currently used as fish hatchery. The hatchery has been historically used to hold adult fish, egg incubation, fry and fingerling rearing as well as a fish release site. Adjacent properties are Rural and forested and largely undeveloped in nature.

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

The project site has not been used for agriculture.

c. Describe any structures on the site.

Current structures on the site include hatchery building, fish rearing ponds, water supply intake structure, short fish ladder, staff residence, intake access road, and a small parking area.

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

None. But existing culvert will be removed and replaced with new larger culvert.

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

Resource.

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

Resource.

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

Resource.

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

No.

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

Reiter Pond hatchery will continue to be staffed at 1 FTE.

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

No people would be displaced as a result of the completed project.

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

There are no displacement impacts as a result of this project.

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Land use of the project site will not change as a result of the Reiter Ponds Hatchery Culvert Replacement Project.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
No new housing units will be provided as a result of the project.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
No housing units will be eliminated as a result of the project.
- c. Proposed measures to reduce or control housing impacts, if any:
There are no housing impacts as a result of the project.

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?
All proposed work is below existing hatchery water intake access roadway.
- b. What views in the immediate vicinity would be altered or obstructed?
The completed project will not obstruct or alter any existing views in the vicinity.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
No impacts are anticipated, therefore no measures are 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 proposed project will not alter or change existing site illumination.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
Light and glare from the completed project will not present a safety hazard or interfere with views.
- c. What existing off-site sources of light or glare may affect your proposal?
There are no existing off-site sources of light or glare that would affect the proposed project.
- d. Proposed measures to reduce or control light and glare impacts, if any:
The project proposal will not have any light and/or glare impacts; therefore no new mitigated measures are proposed.

12. Recreation

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

There are fishing, hunting and wildlife viewing opportunities near the site. The hatchery also provides for educational and informal tours.

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

The proposed project would not displace any recreational uses.

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

None, the proposed project will not hinder or reduce existing recreational opportunities.

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 places or objects on or next to the site that are listed on, or proposed for, national, state, or local preservation registers.

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

There are no known landmarks or evidence of historical, archaeological, or cultural importance or near the site.

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

The proposal is not expected to have any cultural impacts on the project site or nearby properties.

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.

Site is served by a public access road, Reiter Road off US Highway 2.

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

There is not an established transit stop at the project site; however the county does offer "Dial a Ride" services at the site.

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

The proposed project will not increase or decrease existing parking at the hatchery.

- 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 proposal does not require any new roads or streets, or improvements to existing roads or streets.

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, air or rail transportation systems.

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

No change in vehicle trips to and from the hatchery are anticipated be generated from the completed 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.

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

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

There are no proposed measures. see 15.a above.

16. Utilities

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

Electricity, telephone, refuse service, wood stove, and septic system.

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.

The existing utilities will be maintained during construction and for future operations at Reiter Ponds Hatchery. No additional utility providers will result from the proposed 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: *Larry W. Peck*

Date Submitted: **March 26, 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?

Proposed measures to avoid or reduce such increases are:

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

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

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

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

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?

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

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?

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

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

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

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