

WAC 197-11-960 Environmental Check list.

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 non-project 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 non-project 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:

Hurd Creek Hatchery Rearing Pond Repair and Pollution Abatement Pond Installation

2. Name of applicant:

Washington State Fish and Wildlife

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

Washington State Fish and Wildlife
600 Capitol Way North
Olympia, WA. 98501
Larry Peck
(360) 902- 8376

4. Date checklist prepared:

12.23.2012

5. Agency requesting checklist:

Washington State Fish and Wildlife

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

Spring and summer, 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.

No additional environmental information has been prepared.

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.

None.

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

Clallam County permits will be required for this project. Additionally WDFW will be submitting an Engineering Design Report for the new Pollution Abatement to DOE per WAC 173-240-110.

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.)

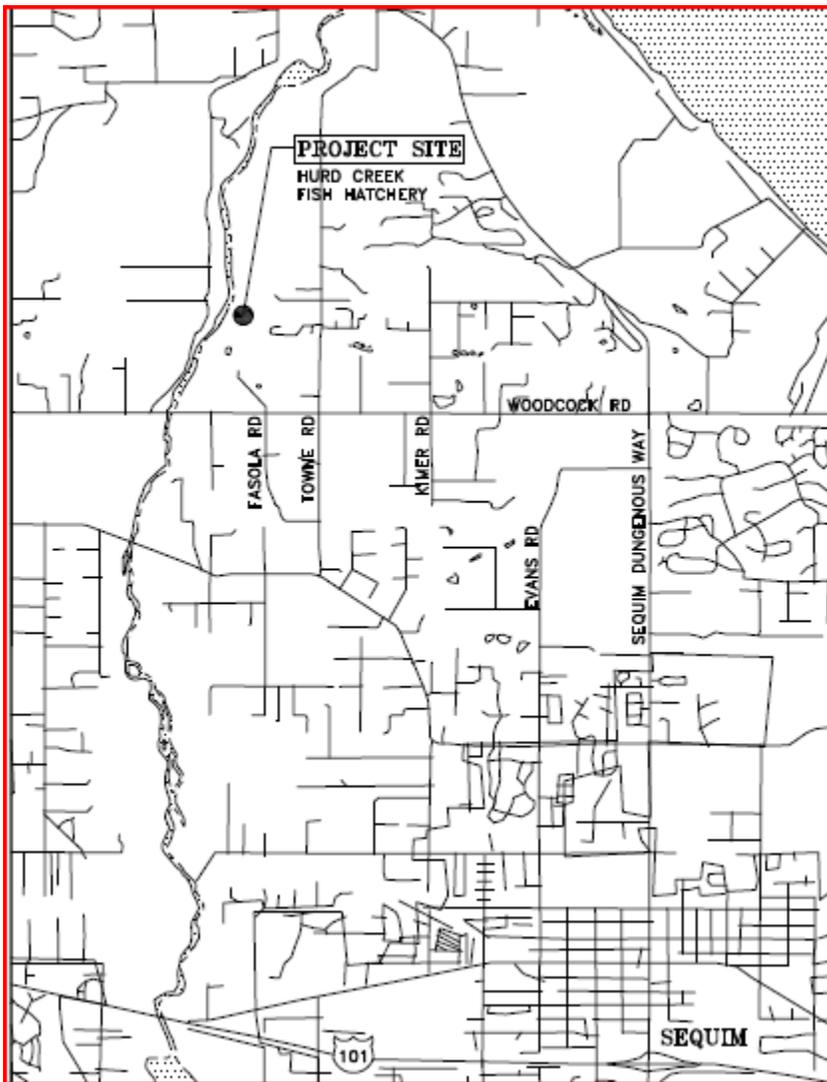
This project will improve the Hurd Creek Hatchery's effluent by removing over 90 percent of fish waste entering Hurd Creek and subsequently the Dungeness River. Project components include resurfacing the bottom of fish rearing ponds with concrete and installing a pollution abatement pond. The pollution abatement pond requires installation of utility lines, water delivery and drain lines.

The concrete pollution abatement pond (54 feet long x 24 feet wide and 6 feet deep) will have a one foot base course gravel material.

The four existing rearing ponds (86 feet long x 27.4 wide) will be resurfaced with cast in place reinforced concrete slab..

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 project is located at the Hurd Creek Hatchery. From I-5 (south) take exit 104 to Hwy 101. Go north through Shelton until you get to the town of Sequim. Go into town to the second light and take a right on to Sequim Ave. Stay on this road for about 2 miles. Turn left onto Woodcock Road. Then go about 1 ½ miles until you see a sign for Fasola Road, turn right on Fasola, hatchery will be on your left, 1 ½ blocks. Hurd Creek Hatchery, 955 Fasola Road Sequim, WA 98382. T30 N, R4W, S01. (48.12075,-123.13854).



- a. 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.

Dungeness silt loam is at the project location.

- b. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
None are known.

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

Pond bottoms

The new ponds will require approximately 150 cubic yards gravel material fill for the structural base, and 360 cubic yards of concrete structural fill for the base of the pond.

Pollution Abatement Pond

The new Pollution Abatement Pond will require 190 cubic yards of fill materials (cast in place) and 176 cubic yards of new gravel bedding under the pollution abatement pond as structural fill. The new utility line fill material for new water delivery and drain lines will require approximately 200 cubic yards of bedding material..

- d. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Erosion could occur during clearing the site for the pollution abatement pond. This area will utilize Best Management Practices including silt fence and hay bales to avoid erosion.

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

The total impervious surface area at the proposed site will be increased by approximately 300 square feet. Project has been designed to be constructed almost exclusively on existing impervious surfaces.

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

Erosion could occur during pollution abatement pond site preparation. This area will utilize Best Management Practices including silt fences and hay bales will be used to avoid erosion and soil movement off site.

2. Air

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

Typical emissions from construction equipment will occur during construction, but no emissions will originate 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:

None.

3. Water

- a. Surface:

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.

This project is located on Hurd Creek.

- 1) 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 is within 200 feet of Hurd Creek. Project site is approximately 550 feet from the Dungeness River.

- 2) 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.

No fill or dredge materials will be placed in or removed from surface waters or wetlands. Any fill materials will either come from on site during the excavation of the ponds, or from a local quarry.

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

This project will not require surface water withdrawals or diversions.

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

Yes, the 100 year floodplain dissects the project site, the four existing concrete sided ponds lies within the 100 year floodplain and the proposed new pollution abatement pond just outside the floodplain.

- 5) 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.

Ground water will not be withdrawn as a component of this project. No water will be discharged to groundwater.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number of

such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Runoff will enter the site from sheet flow from existing buildings, and other impervious areas, and eventually reaching Hurd Creek a tributary of the Dungeness River.

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

Best Management Practices will be used to prevent waste materials from entering the ground or surface waters.

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

Siltation curtains, hay bales, and other best management practices will be used to reduce or control surface ground or any runoff water impacts during construction.

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
- Water plants: water lily, eelgrass, milfoil, other
- Other types of vegetation

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

No vegetation will be removed.

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:

No vegetation enhancement is proposed.

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: peregrine falcon –wintering area.

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:

- Hood Canal Summer Run Chum
- Puget Sound Steelhead
- Bull Trout/Dolly Varden
- Puget Sound Chinook (Threatened) are nearby in the Dungeness River
- Puget Sound Coho are a species of concern in Hurd Creek
- An eagle's nest is nearby the site location, a species of concern in Clallam County.
- This area is a winter foraging area for Peregrine Falcon, a federally listed species, and a Species of Concern in Clallam County

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

The site is at Hurd Creek Hatchery, a migration corridor for chum, Coho, Pink, Dungeness Chinook, steelhead and potentially bull trout all migrate in the nearby Dungeness River. Additionally the proposed work site has been identified to be within the wintering migration and foraging area for Peregrine Falcon.

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

Project will result in improved water quality in Hurd Creek and the Dungeness River.

6. **Energy and natural resources**

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.

Electrical, Power provider is Clallam County PUD #1. The residence and Hatchery building utilize electric heat. Hatchery is equipped with a backup diesel generator to ensure safe keeping of fish on site. Overall project will result in a minor increase in facility electrical use associated with the electrical pumping requirements to vacuum clean fish rearing ponds, approximately 52.8 KWHRS/YR.

- 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:

No energy conservation measures are proposed.

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.

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

No special emergency services might be required.

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

None.

b. **Noise**

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

No noise is expected to 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.

Typical construction noise will be generated by this project on a short term basis, during working hours of 7 a.m. – 6 p.m.

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

None.

8. **Land and shoreline use**

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

The proposed project is at the site of the Hurd Creek Hatchery. Adjacent properties are rural residential and forested. Some agricultural properties are in the general vicinity. The Dungeness River is nearby.

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

No.

- c. Describe any structures on the site.

There are hatchery outbuildings, storage sheds, staff residences and fish rearing ponds on site.

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

No, however the bottom of the existing (4) fish rearing ponds structures (gravel) will be removed and to the extent possible recycled on site for the new proposed project.

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

R5

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

Rural

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

Rural

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

None.

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

Two full time employees will continued to be employed at Hurd Creek Hatchery.

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

None.

- k. Proposed measures to avoid or reduce displacement impacts, if any: Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Proposal is consistent with current land use.

9. **Housing**

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

None.

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

None.

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

None.

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?

New Fabric Pond cover for the new pollution abatement pond will be approximately 6 feet above exterior pond walls.

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

Construction of the new abatement pond facility will partially alter the existing local onsite views past adjacent existing hatchery and shop buildings.

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

Abatement pond has been sited behind existing storage building to minimize visual impacts to local neighbor.

11. **Light and glare**

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

None.

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

None.

- 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?

Fishing, wildlife viewing occurs in the area, but not the site proper.

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

None.

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

None.

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.

A check of the National Archeological website indicated no local preservation registers in the immediate vicinity of the proposed project. <https://fortress.wa.gov/dahp/wisaard/>

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

None known.

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

WDFW will notify State DAHP through submission of an EZ 1 form.

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.

No new access points to the public road system are proposed with this project. Hatchery is located on Fasola Road.

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

County currently provides for “Dial a Ride” services at the site.

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

Minimal impact to parking is anticipated with completed project, site currently can handle 15+ vehicles on informal gravel hatchery grounds.

- 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).

None.

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

None.

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

No change to existing traffic trips to and from project site are anticipated.

- 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.

None.

- 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.

Septic, electricity provided by Clallam County PUD #1, Diesel fuel for hatchery backup emergency generator, telephone and refuse service currently provided.

- 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 new utilities are proposed for the construction of or resulting from the completed 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: **December 24, 2012**

D. **SUPPLEMENTAL SHEET FOR NON-PROJECT 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.