

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: **Upper Dungeness Acclimation Ponds**

2. Name of applicant: **WASHINGTON DEPARTMENT OF FISH AND WILDLIFE**
3. Address and phone number of applicant and contact person:
Scott Williams, 1261 Fish Hatchery Rd., Sequim, WA 98382

4. Date checklist prepared: **3-18-2012**
5. Agency requesting checklist: **WASHINGTON DEPARTMENT OF FISH AND WILDLIFE**
6. Proposed timing or schedule (including phasing, if applicable):

April – June 2012 for the next 5 years

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.

USFS has issued a Decision Memo to satisfy the needs of NEPA

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

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

USFS has issued a Decision Memo to satisfy the needs of NEPA and a special use permit.

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 purpose of the project is to expand sub-yearling Chinook acclimation in the upper anadromous reaches of the Dungeness River, by setting up two acclimation tanks by the 2880/Dungeness bridge. The footprint of this operation will be within an existing dispersed campsite on the eastside of the 2880 bridge. There will be no excavation involved with the operation of the acclimation ponds.

Operation (April- June):

- **The ponds will be used to acclimate and release 50,000 accelerated sub-yearling Dungeness, Spring Chinook at 50fpp. The fiberglass rearing tanks will measure 5.5 foot wide by 45 foot long. The Chinook will be transferred to the pond from Hurd Creek Hatchery in April, to be released in June.**
- **While fish are in the tanks on site, the 2 pumps used to supply water (one primary and one backup) will be housed inside an insulated box to reduce noise and will run constantly, (24 hours/7 days), to circulate water. Each pump will have an intake pipe, with an ESA compliant screen, to draw water from the river. The outlet of the pumps will be piped to the head end of each pond. The ponds will have a common drain to discharge effluent water and will also be used to release the fish.**
- **During the course of the project a travel trailer will be placed near the tanks to house staff responsible for the caring of the fish, responding to emergencies and site maintenance. The approximate footprint of the site will be 20 feet by 100 feet. A generator, housed inside a Rain Proof Sound Attenuated Enclosure, will be used to power a 20 hp electric pump and the travel trailer.**
- **A radio alarm system may be used to alert staff at the Dungeness Hatchery of low flow conditions in the ponds.**
- **Low profile netting over the pond will be employed to protect the fish from predators.**
- **All of the materials to be used at the site including tanks, pumps, piping and other equipment will be set up and torn down every season.**

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.

Southeast ¼ Section 30, Township 29 North, Range 03 West, WM. Clallam Co.

TO BE COMPLETED BY APPLICANT

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B. ENVIRONMENTAL ELEMENTS

1. **Earth**

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous,
other **The small campsite is flat; everything around it is steep slopes.**
- b. What is the steepest slope on the site (approximate percent slope)? **25%?**

- 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.

Gravel and compact dirt

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

No

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

Does not apply

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

No

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

80% of the site will have something on it while the project is in operation. When the project is finished each year, everything will be removed and put back to its prior condition.

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

a. **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.

Exhaust from diesel generator (will run 24hr - 7 days/week)

- 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:
This will be a new generator that will meet the current EPA regulations

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.

Dungeness 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, a map will be attached.

- 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.

Does not apply

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

This proposal will require a surface water withdrawal of 450gpm from the Dungeness River which will be immediately returned 40' down stream

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

Unsure

- 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.

Low concentrations of aquaculture pollutants in the form of Total Suspended Solids and Settleable Solids will be discharged. These materials will be monitored and remain at the required limits as described by Ecology.

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.

Does not apply

- 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.

Does not apply

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.

Does not apply

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

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

None

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?

None

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

Northern spotted owl, marbled murrelet, Puget Sound Chinook, Puget Sound steelhead and Puget Sound bull trout.

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

Does not apply

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. **Northern spotted owl, marbled murrelet, Puget Sound Chinook, Puget Sound steelhead and Puget Sound bull trout.**

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

Does not apply

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

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.

Diesel powered generator to run electric pump to provide water to 50,000 Puget Sound spring Chinook.

- 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:

Does not apply

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.

There will be 100 gallons of diesel at the site to run the generator. The fuel will be stored in a double wall constructed tank, with spill response kit on site at all times.

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

Does not apply

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

Does not apply

b. Noise

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

Does not apply

- 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.

The generator will operate 24hrs - 7days/week for 3 months (April – June) the ambient noise level to be kept below 92 db. As required by USFS.

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

Purchase generator with Rain Proof Sound Attenuated Enclosure and place pump inside insulated box

8. Land and shoreline use

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

Dispersed camp site along the Dungeness River

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

Does not apply

c. Describe any structures on the site.

Fire pit

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

No

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

Camp site

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

Does not apply

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

Does not apply

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?

One person 24 hours a day 7 days a week will work here for 3 months (April – June)

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

Does not apply

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

Does not apply

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

Does not apply

9. Housing

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

Does not apply

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

Does not apply

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

Does not apply

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?

Does not apply

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

Does not apply

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

Does not apply

11. Light and glare

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

Security lights will only be used in lowlight conditions

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

Does not apply

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

Does not apply

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

Lights will only be turned on when needed at night to work or check out the site

12. Recreation

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

Camping

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

Yes, the project will take up the entire campsite area

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

Does not apply

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.

Does not apply

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

Does not apply

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

Does not apply

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.

Does not apply

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

Does not apply

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

Does not apply

- 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).

Does not apply

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

Does not apply

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

Does not apply

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

Does not apply

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.

Does not apply

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

Does not apply

16. Utilities

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

Does not apply

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.

Does not apply

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: *Scott Wilson*

Date Submitted: *3-28-2012*

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:

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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?

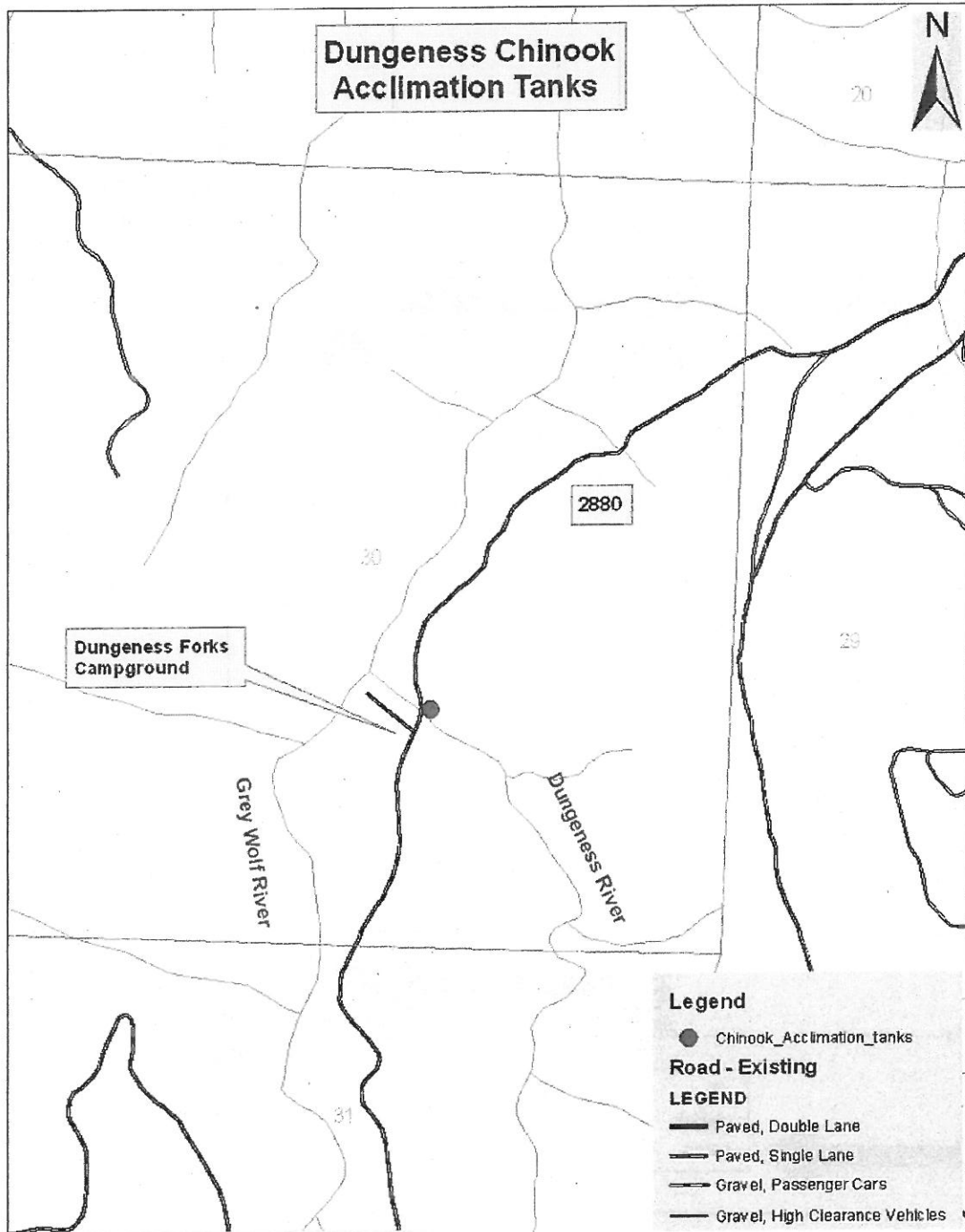
Proposed measures to avoid or reduce shoreline and land use impacts are:

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.

Appendix A: Map



Appendix B. Site Plan

