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:
Hatchery and Fishery Reform Policy for Washington Department of Fish and Wildlife Commission (FWC)

2. Name of applicant:
Washington Department of Fish and Wildlife
3. Address and phone number of applicant and contact person:

Heather Bartlett

Salmon and Steelhead Division Manager

Washington Department of Fish and Wildlife

600 Capital Way N.

Olympia, WA 98501

360-902-2662

4. Date checklist prepared:
June 2, 2009. Revised June 22, 2009
5. Agency requesting checklist:
Washington Department of Fish and Wildlife
6. Proposed timing or schedule (including phasing, if applicable):

FWC will receive Commission public testimony during their June 5-6 2009 meeting held at the Natural Resource Bldg. in Olympia

The FWC will look to adopt the Hatchery and Fishery Reform policy during their July 10-11 2009 meeting also held in Olympia

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. Development of a Hatchery Action Implementation Plan will form the basis of the hatchery reform implementation plan and associated schedule as referenced in Policy Guidelines #2 and #4. It is currently under development by geographic regions in the state, but it incomplete at this time. Upon completion, by region e.g. Puget Sound, Washington Coast, the Hatchery Action Implementation Plan will move through the SEPA process. In addition, the mark selective fishery plan and associated implementation schedule (policy guideline #10) may also require SEPA.

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

A series of hatchery facility infrastructure reports were prepared by Bogden Engineering following the completion of the Hatchery Scientific Review Process in Puget Sound and Coastal Washington in 2004. In addition, reports developed by the Hatchery Scientific Review Group (HSRG) also include some environment information relative to the policy guidelines provided. For more information see http://www.hatcheryreform.us/mfs/about/hsrg_show.action.

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.

Does not apply.

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

A variety of both federal and state permits may be required to complete implementation, but given the overarching nature of the current DRAFT policy guideline under consideration in this checklist, it is too early to determine what permits will be required where to describe in any detail. .

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.)

A Commission policy on hatchery and fishery reform will provide guidance and support for the Department's implementation of Hatchery Scientific Review Group recommendations by clearly stating the Commission's commitment to long-term hatchery and sustainable fishery strategies. Hatchery and harvest reform are critical to sustaining healthy fisheries and the future of fishing in the state of Washington. Recognizing that as the policy is implemented there may be work products, such as that associated with policy guideline numbers 2 and 4 that would describe in more detail potential environmental impacts, government approvals and/or permits, as well as more descriptive effects related to activities or actions under consideration for full implementation, the Washington Department of Fish and Wildlife will initiate SEPA. See attached DRAFT policy for italicized notes reflecting this clarification. ,

Hatchery reform has been an ongoing initiative in Puget Sound and Coastal Washington state for several years. Hatchery Reform was initiated in the Columbia River in 2007. The Department has embraced hatchery reform as a means to achieving salmon recovery while maintaining economically important harvest opportunities. The Department believes that hatchery production at levels similar to today can be maintained at most facilities and at the same time provides protection for wild fish and the recovery of wild stocks. If properly-managed, hatcheries can provide significant benefits to the citizens of Washington. If managed improperly, they can confound efforts to rebuild wild salmon populations and undermine efforts to recover wild fish.

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.

Though the policy would be effective statewide, the scope or range for implementation will be done by geographic regions such as Puget Sound, Washington Coast, Lower Columbia River, Middle Columbia River, Upper Columbia River and Snake River that match or are similar to the federal ESA salmon recovery regions. More specific details about sites or locations are not relevant yet, but as more defined information is developed associated with some of the identified work products within the DRAFT, additional SEPA would be initiated.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

Does not apply. Not site specific.

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

Does not apply.

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.

Does not apply.

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

Does not apply.

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.

Does not apply.

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

Does not apply.

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

Does not apply.

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.

Does not apply. Not site specific.

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

Does not apply.

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

Does not apply.

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.

Does not apply. Not site specific.

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.

Does not apply.

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.

Does not apply.

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

Does not apply.

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.

Does not apply.

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. Not site specific.

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

Does not apply.

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

Does not apply.

4. **Plants**

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

N/A____ deciduous tree: alder, maple, aspen, other
N/A____ evergreen tree: fir, cedar, pine, other
N/A____ shrubs
N/A____ grass
N/A____ pasture
N/A____ crop or grain
N/A____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
N/A____ water plants: water lily, eelgrass, milfoil, other
N/A____ other types of vegetation

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

Does not apply.

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

Does not apply.

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: N/A
mammals: deer, bear, elk, beaver, other: N/A
fish: bass, salmon, trout, herring, shellfish, other: N/A

b. List any threatened or endangered species known to be on or near the site. Does not apply.

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

Does not apply. Not site specific.

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

Does not apply.

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.

Does not apply.

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

Does not apply.

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.

Does not apply.

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.

Does not apply.

3) Proposed measures to reduce or control noise impacts, if any:
Does not apply.

8. **Land and shoreline use**

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

Does not apply.

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

Does not apply.

c. Describe any structures on the site.

Does not apply.

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

Does not apply.

e. What is the current zoning classification of the site?
Does not apply.

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.
Does not apply. Not site specific.

i. Approximately how many people would reside or work in the completed project?
Does not apply. Not site specific.

j. Approximately how many people would the completed project displace?
Does not apply. Not site specific.

k. Proposed measures to avoid or reduce displacement impacts, if any:
Does not apply. Not site specific.

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

Not applicable.

9. **Housing**

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

11. **Light and glare**

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

12. **Recreation**

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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

Does not apply. Not site specific.

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. Not site specific.

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. Not site specific.

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: Heather Bartlett

Date Submitted: June 22, 2009

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

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?

Would not affect any of these elements.

Proposed measures to avoid or reduce such increases are:

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

The policy upon full implementation will likely reduce negative impacts of hatchery salmonids on wild fish, as well as increase conservation measures and enhancing protection of wild fish during salmon and steelhead fisheries. Would not affect plants, animals nor other marine life.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:
Reduce hatchery production of salmon and steelhead and implement mark selective fisheries that focus harvest on more abundance hatchery fish than current.

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

Would not affect any of these elements.

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?

Would not affect any of these elements.

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

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?

   Would not affect any of these elements.

   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?

   Would not affect any of these elements.

   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.

   Policy unlikely to be in conflict with any local, state, or federal law in place to protect the environment.