

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable:
Anadromous Salmon and Steelhead Hatchery Policy C-3619
2. Name of applicant:
Washington Department of Fish and Wildlife

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

Eric Kinne
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Washington Department of Fish and Wildlife
1111 Washington St SE
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360-902-2418

4. Date checklist prepared:

August 27, 2020

5. Agency requesting checklist:

Washington Department of Fish and Wildlife

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

This policy, C-3619, is a complete revision and supercedes the original policy C-3619 adopted November 5, 2009. On Aug. 1, 2020, the Commission approved the release of draft policy language revisions for public review. A final document will be voted on for adoption by the FWC at the October 22-24, 2020 meeting.

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

Currently, Hatchery Genetic Management Plans (HGMPs) are developed for those hatchery programs that may affect species listed under the Endangered Species Act (ESA). Washington coastal hatchery programs do not have HGMPs as there are no ESA listed salmon or steelhead on the Washington Coast. The updated policy will require newly developed HGMPs or some other type of hatchery management plan for coastal programs. This policy will guide the development of the coastal hatchery management plans and will be implemented into any current HGMPs that may need to be modified.

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

NOAA may need to develop NEPA documents and along with USFWS will consult under the Endangered Species Act on HGMPs developed and/or modified as a result of this policy where listed species exist. Terms and conditions as a result of consultation will direct WDFW on metrics such as proportion of hatchery fish on the spawning ground (pHOS) or proportion of natural influence (PNI) so that hatchery production will not impact listed species.

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.

Yes, WDFW currently has HGMPs that are under consultation and in the process of being approved.

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

No government approvals are needed for the proposed policy.

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 objective of the policy is to implement a consistent scientific driven hatchery management framework for WDFW hatchery programs. This is a non-project specific proposal that will guide the management of WDFW hatcheries in Washington state. The purpose of the Anadromous Salmon and Steelhead Hatchery Policy is to guide hatcheries and their individual rearing programs to advance the conservation and recovery of wild salmon and steelhead by continuing to implement hatchery reform measures; to perpetuate salmon and steelhead in accordance with existing mitigation programs and agreements for permanently lost habitat; and to provide sustainable economic and stability benefits to recreational, commercial and tribal fisheries in Washington State as appropriate.

WDFW has embraced hatchery reform as a means to achieving salmon recovery while maintaining economically important harvest opportunities. WDFW believes that hatchery production at levels similar to today can be maintained at most hatcheries while providing 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 without the guiding principles of hatchery reform, hatchery programs can confound efforts to rebuild wild salmon populations and undermine efforts to recover wild fish.

The intent of this Policy is to provide direction, goals, objectives, and actions to improve hatchery effectiveness and ensure compatibility between hatchery salmon and steelhead production and wild salmon and steelhead conservation in a manner that optimally achieves the stated purposes of this Policy.

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.

This policy is a statewide policy. 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 units (ESU/DPS).

B. Environmental Elements [\[HELP\]](#)

1. Earth [\[help\]](#)

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

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, total area, and approximate quantities and total affected area of any filling, excavation, and 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 [\[help\]](#)

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance 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 [\[help\]](#)

a. Surface Water: [\[help\]](#)

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 Water: [\[help\]](#)

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? 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.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Does not apply.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage

pattern impacts, if any:

Does not apply.

4. **Plants** [\[help\]](#)

a. Check the 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 ___ Orchards, vineyards or other permanent crops.

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 and 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.

e. List all noxious weeds and invasive species known to be on or near the site.

Does not apply.

5. **Animals** [\[help\]](#)

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

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 and 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.

e. List any invasive animal species known to be on or near the site.

Does not apply.

6. Energy and Natural Resources [\[help\]](#)

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 [\[help\]](#)

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 any known or possible contamination at the site from present or past uses.

Does not apply.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

Does not apply.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Does not apply.

4) Describe special emergency services that might be required.

Does not apply.

5) 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 [\[help\]](#)

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Does not apply.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Does not apply.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

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 a critical area by the city or county? 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

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

Not applicable.

9. Housing [\[help\]](#)

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 [\[help\]](#)

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 [\[help\]](#)

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 [\[help\]](#)

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 [\[help\]](#)

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

Does not apply. Not site specific.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Does not apply. Not site specific.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

Does not apply. Not site specific.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Does not apply. Not site specific.

14. Transportation [\[help\]](#)

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Does not apply. Not site specific.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

Does not apply. Not site specific.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

Does not apply. Not site specific.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

Does not apply. Not site specific.

e. Will the project or proposal 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 or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

Does not apply. Not site specific.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

Does not apply. Not site specific.

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

Does not apply. Not site specific.

15. Public Services [\[help\]](#)

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, 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 [\[help\]](#)

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.
- c. Does not apply. Not site specific.

C. Signature [\[HELP\]](#)

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: 

Name of signee Eric Kinne

Position and Agency/Organization Hatchery Division Manager, WDFW

Date Submitted: _____

D. Supplemental sheet for nonproject actions [\[HELP\]](#)

(IT IS NOT NECESSARY to 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 may reduce negative impacts of hatchery salmonids on wild fish, as well as increase conservation measures and enhancing protection of wild fish. This policy may improve forage base for the Southern Resident Killer Whales which are currently listed as endangered under the ESA by allowing flexibility in hatchery production. This policy will not affect plants or other animals.

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

Measures to protect or conserve will be developed during ESA consultation with the federal services and will be adhered to by WDFW.

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:

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 is not in conflict with any local, state, or federal law in place to protect the environment.