

SEPA¹ 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.

¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance>

A. Background

[Find help answering background questions²](#)

1. Name of proposed project, if applicable:

Tiger trout (Brown Trout *Salmo trutta* x Brook Trout *Salvelinus fontinalis* hybrid)
stocking into Upper and Lower Lead King lakes (Pend Oreille County)

2. Name of applicant:

Washington Department of Fish and Wildlife

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

755 S. Main Street, Colville, WA 99114

Phone: (509) 563-5490

Contact: Brian Walker

4. Date checklist prepared:

04/23/2024

5. Agency requesting checklist:

Washington Department of Fish and Wildlife

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

Stocking would begin in spring/summer 2024 and continue at intervals thereafter as needed.

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

Tiger trout stocking would occur as needed to meet WDFW District 1 Fish Management goals for the Lead King lakes. Stocking may occur multiple times in a single year, and stocked fish size may vary.

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

Lead King lakes stocking is reported each year in WDFW's annual Statewide Hatchery Trout and Kokanee Stocking Plan. Current and past plans are available on the WDFW website at:

<https://wdfw.wa.gov/fishing/reports/stocking/statewide>

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.

None. Fish, shellfish, and wildlife within Washington State are property of the State. WDFW is mandated by the State of Washington to "...preserve, protect, perpetuate, and

² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background>

manage the wildlife and food fish, game fish, and shellfish in state waters and offshore waters” (Revised Code of Washington; RCW 77.04.12). As the agency responsible for fish and wildlife management and propagation in Washington, WDFW has sole authority for obtaining fish and fertilized eggs (RCW 77.12.140), eradicating undesirable fish populations (RCW 77.12.420), and releasing (stocking) fish into waters of the State of Washington (Washington Administrative Code 220-450-010).

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.)

WDFW proposes to stock tiger trout in Upper Lead King Lake and Lower Lead King Lake beginning in 2024 to augment and enhance an established recreational fishery.

The Lead King lakes have been stocked with fish since 1913, and are currently stocked annually by WDFW with Rainbow Trout *Oncorhynchus mykiss* and Westslope Cutthroat Trout *O. Clarkii lewisi*. Illegally-introduced Pumpkinseed Sunfish *Lepomis gibbosus* are also present, and rapidly increasing in number. The Lead King lakes were treated with rotenone in 2015 to remove illegally-introduced Northern Pike *Esox lucius*.

Pumpkinseed Sunfish were present in the Lead King lakes in large numbers prior to the 2015 rotenone treatment. Following treatment, it was believed that all fish were successfully eradicated as subsequent annual eDNA and gill net surveys found no evidence of Northern Pike or Pumpkinseed Sunfish. However, Pumpkinseed Sunfish were again detected in Lower Lead King Lake in 2019, and in the upper lake in 2020. Pumpkinseed Sunfish compete with stocked juvenile trout for prey; since detection, Pumpkinseed Sunfish have proliferated in both lakes and negatively impacted growth and survival of salmonids. WDFW shifted to stocking fingerling Westslope Cutthroat Trout in place of fry in 2023 due to extremely poor survival and recruitment of fry to catchable sizes.

Whether Sunfish were eradicated by the rotenone treatment and illegally-reintroduced, or a few Sunfish found refuge and escaped the piscicide is unknown. The Lead King lakes are located within an extensive swamp, greatly enlarged by a large beaver dam at the outlet of the lower lake. Given the extensive amount of complex habitat and the profusion of Pumpkinseed Sunfish present prior to the 2015 treatment, it appears likely that a very few fish survived. Numbers of Sunfish were at undetectable levels from 2016-2019, when the population again achieved detectable numbers.

Tiger trout are a sterile hybrid between Brown Trout and Brook Trout, and are often piscivorous. As an example, Miller (2010) reported regular consumption of Pumpkinseed Sunfish by tiger trout in Fish Lake (Spokane County). WDFW proposes to stock tiger trout into the Lead King lakes on an annual basis to augment the current recreational fishery, but also to introduce a predator that will prey on Pumpkinseed Sunfish. Reduction in the overall number of Sunfish should reduce inter-specific competition, resulting in better survival and growth for salmonids.

WDFW stocks tiger trout as spring fry (100 fish per pound; fpp) or fall fingerlings (20 fpp). The Lead King lakes may be stocked with either or both life stages of tiger trout, depending on survival and growth of stocked fish. Annual plants of tiger trout in Northeastern Washington range from 1,500 to 15,000, depending on a number of factors (including lake size, predation, harvest, etc.), but usually not in densities more than 300 fish per acre. If fish are available, the Lead King lakes could receive up to 3,000 fish annually (e.g., 10 acres x 300 fish/acre = 3,000 fish). Stocked fish would be split proportionally to surface area of the lakes (e.g., 60% into the upper lake, 40% into the lower lake).

- 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 Lead King lakes are small, perennial lakes in north-western Pend Oreille County. The lakes are located approximately 6.5 miles north of Metaline, WA. Public access to the lake is available via Boundary Road on the east side of the lakes, with surrounding property owned by the United States Forest Service, logging companies, and other utilities that all allow public access to their lands.

The Lead King lakes are located within portions of T40N, R43E, Sections 22 and 27, with the center of the surrounding wetland complex located at 48.94428 N, -117.35717 W.

B.Environmental Elements

1. Earth

[Find help answering earth questions](#)³

- a. **General description of the site:**

The site are two small, freshwater lakes located within a large wetland complex.

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

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

N/A

- 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.**

N/A

³ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth>

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

N/A

- 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.**

N/A

- f. **Could erosion occur because of clearing, construction, or use? If so, generally describe.**

N/A

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

N/A

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

N/A

2. Air

[Find help answering air questions](#)⁴

- 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.**

N/A

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

N/A

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

N/A

⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-Air>

3. Water

[Find help answering water questions](#)⁵

a. Surface:

[Find help answering surface water questions](#)⁶

- 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.**

Two small lakes, Upper Lead King Lake and Lower Lead King Lake, are located in northwestern Pend Oreille County within an approximately 45-acre wetland complex. Area of the lakes is difficult to measure due to the extensive wetted area connected to each waterbody, but Upper Lead King Lake has about 4 acres of open water (no visible vegetation at the surface) with approximately 2 acres of open water in Lower Lead King Lake. Both lakes are hydrologically connected to each other with surface flow occurring from north to south. Lower Lead King Lake is intermittently drained by Everett Creek (to the Pend Oreille River) during periods of high water, but the outlet from Lower Lead King Lake is only seasonally connected to the Everett Creek drainage.

- 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.**

Hatchery-reared tiger trout would be stocked into each of the Lead King lakes. Stocking would occur via tank truck directly into each lake.

- 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.**

None.

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

No.

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

Yes – the work location would be the lake, but fish stocking will not impact habitat.

⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water>

⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water>

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.

No.

b. Ground:

[Find help answering ground water questions](#)⁷

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 a general description, purpose, and approximate quantities if known.

No.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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.

N/A

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.

N/A

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

N/A

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

N/A

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

N/A

4. Plants

[Find help answering plants questions](#)

- a. Check the types of vegetation found on the site:**

deciduous tree: alder, maple, aspen, other

⁷ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater>

- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- orchards, vineyards, or other permanent crops.
- 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 and endangered species known to be on or near the site.

None.

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

None.

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

None known.

5. Animals

[Find help answering animal questions](#)⁸

a. List any birds and other animals that 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:**
- **Mammals: deer, bear, elk, beaver, other:**
- **Fish: bass, salmon, trout, herring, shellfish, other:**

⁸ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals>

b. List any threatened and endangered species known to be on or near the site.

Gray wolves *Canis lupus* are not listed by the US Federal Government in the eastern 1/3 of Washington, but are listed by Washington State for the entire state as Endangered. They are known to occasionally occur in the vicinity.

Common Loons *Gavia immer* are not federally-listed, but are listed as Sensitive by Washington State. They occasionally occur on or around the Lead King lakes, but are not known to use the lakes for breeding.

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

No.

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

None.

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

None known.

6. Energy and natural resources

[Find help answering energy and natural resource questions](#)⁹

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.

N/A

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

N/A

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.

N/A

7. Environmental health

[Health Find help with answering environmental health questions](#)¹⁰

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe.

N/A

⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou>

¹⁰ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health>

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

N/A

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.

N/A

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.

N/A

4. Describe special emergency services that might be required.

N/A

5. Proposed measures to reduce or control environmental health hazards, if any.

N/A

b. Noise

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

N/A

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)?

N/A

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

N/A

8. Land and shoreline use

[Find help answering land and shoreline use questions](https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use)¹¹

- 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.

Site use of the Lead King lakes includes fishing and boating. Property use in the Lead King area is largely recreational (hunting, berry picking, etc.), although some logging occurs when harvestable lumber is present. Several large powerlines are present on the west side of the lakes carrying electricity generated from Boundary Dam to market. Tiger trout stocking would result in no effect to any current uses at the site, except

¹¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use>

fishing. Tiger trout stocking is intended to add variety and enhance quality (through predation on Pumpkinseed Sunfish) of the Lead King lakes' recreational fishery.

- 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 because 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?**

N/A

- 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?**

N/A

- c. Describe any structures on the site.**

N/A

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

N/A

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

Property surrounding the lake is zoned as NR-20 and NR-40.

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

Property surrounding the lake is designated NR-20 and NR-40.

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

Shorelines of both Lead King lakes are designated Rural Conservancy (150' setback).

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

No.

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

None.

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

None.

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

N/A

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

N/A

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

N/A

9. Housing

[Find help answering housing questions](#)¹²

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

N/A

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

N/A

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

N/A

10. Aesthetics

[Find help answering aesthetics questions](#)¹³

- a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

N/A

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

N/A

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

N/A

11. Light and glare

[Find help answering light and glare questions](#)¹⁴

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

N/A

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

N/A

¹² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing>

¹³ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics>

¹⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare>

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

N/A

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

N/A

12. Recreation

[Find help answering recreation questions](#)

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

Fishing, hunting, boating, berry picking, camping, and hiking occur in the lake and surrounding area.

- 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:**

N/A

13. Historic and cultural preservation

[Find help answering historic and cultural preservation questions](#)¹⁵

- 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.**

None.

- 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.**

None.

- 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.**

None.

¹⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p>

- 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.**

None.

14. Transportation

[Find help with answering transportation questions](#)¹⁶

- 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.**

Directions from Metaline, WA: Travelling north on WA Highway 31, turn left onto Boundary Road. Follow Boundary Road 12.5 km to Lower Lead King Lake or 13 km to Upper Lead King Lake. Lakes lie to the west of Boundary Road and can be accessed from Boundary Road pull-outs. An unimproved access road for the BPA powerlines is present along the west side of the lakes and can be used by the public as access. It joins Boundary Road from the left immediately north of Upper Lead King Lake.

- 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?**

No.

- c. **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).**

None.

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

No.

- e. **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?**

Unknown – if tiger trout become established, an increase in the number of anglers and fishing effort is anticipated. However, Boundary Road provides access to a State Park (Crawford Caves), a popular boat launch and campground at Boundary Dam, and is the access road for the vast majority of traffic related to Boundary Dam and its operations. Due to the small size of the lakes, the present infrastructure, and the distance from large numbers of people (e.g., Spokane = 104 road miles), it is very unlikely that an increase in angler use will be large enough to result in adverse impacts.

¹⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation>

- f. **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.**

No.

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

None needed.

15. Public services

[Find help answering public service questions¹⁷](#)

- 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.**

No.

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

None needed.

16. Utilities

[Find help answering utilities questions¹⁸](#)

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

N/A

- 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.**

N/A

¹⁷ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-15-public-services>

¹⁸ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities>

C.Signature

[Find help about who should sign](#)¹⁹

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.



Type name of signee: Brian Walker

Position and agency/organization: Fish Biologist – Washington Department of Fish and Wildlife

Date submitted: 04/24/2024

¹⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature>