



State of Washington  
DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: P.O. Box 43200, Olympia, WA 98504-3200 • (360) 902-2200 • TDD (360) 902-2207  
Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia, WA

## SEPA ENVIRONMENTAL CHECKLIST FOR WDFW CAMP PROJECTS

### 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.

Some of the answers below have been pre-filled (underlined text). **Please review them for accuracy and edit as needed for your proposal.**

### A. Background [Find help answering background questions](#)

**1. Name of proposed project:**

Spokane Hatchery Renovation

**2. Name of applicant:**

Alex Laughtin

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

Address: 600 Capitol Way N, Olympia, WA 98501

Phone number: (360) 819-3776

**4. Date checklist prepared:**

6/5/2024. Revised 6/27/2024.

**5. Agency requesting checklist:**

Washington Department of Fish and Wildlife

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

Phase 1: Summer 2025

Phase 2: Summer 2027

Phase 3: Summer 2029

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

No future expansion or activity is planned outside of the hatchery renovation and associated work described herein.

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

None  List: Wetland Delineation (September 2022); Cultural Report; Engineering Report; Geotechnical Report; Analysis of All Known Reasonable Technologies (AKART) Assessment; Sampling Analysis Plans for Phosphorus, Low Phosphorus Feed, and PCBs; Griffith Slough Decommissioning Plan; Mitigation and Monitoring Plan; Habitat Assessment/Critical Areas Report; Floodplain Study, other documents/studies related to water quality.

**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  Yes, explain: Coordination with the WA Dept of Ecology is underway for the Engineering Report and other water quality documents required for the project to continue.

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

- A SEPA threshold determination.
- A WDFW Hydraulic Project Approval.
- A WDFW Fish Habitat Enhancement Exemption.
- A WA Dept. of Natural Resources Aquatic Use Authorization.
- A USACE Clean Water Act (CWA) Section 404 – discharges to navigable waters.
- A USACE CWA Section 10 – work in navigable waters.
- A WA Dept. of Ecology CWA Section 401 Water Quality Certification.
- Local Jurisdiction – County/city:
  - Shoreline Substantial Development permit.
  - Critical Areas Permit.
  - Other: Floodplain development, building permit, septic permit, grading permit
- Other permits: NPDES permit

**11. Give a 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.**

The Washington Department of Fish and Wildlife (WDFW) proposes to renovate the Spokane Hatchery (Hatchery) to update aging infrastructure and meet water quality regulations for Hatchery operations. As Hatchery operations and public access must continue through construction, the renovation will take place in three phases. Each phase will consist of the mobilization of equipment; site preparation establishing the work area and staging areas; demolition of existing infrastructure; and construction of the new infrastructure. Phasing is shown on the attached site plan and phase-specific work is described below:

Phase 1

Phase 1 of the Hatchery renovation will include the demolition of nine (9) 30-ft concrete round ponds on the west side of the hatchery with associated piping infrastructure. As well, twelve (12) 16-ft buried concrete round ponds associated with past land use by the U.S. Fish and Wildlife Service will be demolished. After grading and foundation preparation, twelve (12) new 30-ft diameter dual-drain fiberglass circular tanks will be installed with associated piping and connection to a partially recirculating aquaculture system (PRAS) and a total of four (4) drum filters, with each set of three (3) tanks attached to an individual PRAS/drum filter system. Backwash from the drum filters will flow to a two-cell pollution abatement pond (PA) constructed under this phase. A main hatchery effluent outfall structure will be installed just upstream of the existing Griffith Slough dam.

The existing septic system and drain field will be demolished, contaminated sediments removed, and a new septic system and drain field designed to treat hatchery and residence septic waste will be installed on the west side of the site.

Additionally, a foundation including footings with micropiles within the construction area will be built for the future installation of a pre-engineered metal building (PEMB) canopy structure to cover the hatchery ponds. The footings and micropiles will be engineered to withstand the area's liquefaction potential noted during the geotechnical investigations.

Phase 2

Moving east, Phase 2 will include the demolition of eight (8) 9 ft x 70 ft concrete raceways and six (6) 30-ft concrete round ponds with associated piping infrastructure. In the same footprint, four (4) 10 ft x 100 ft concrete raceways will be placed together and connected to a partially buried pre-cast drum filter vault, with an access ladder and removable cover for operations and maintenance. In addition, two (2) 20 ft x 100 ft concrete raceways will be constructed adjacent to the other raceways and connected to a separate but identical dedicated drum filter and vault system. Finally, six (6) new 30-ft diameter dual-drain fiberglass circular round ponds, which consist of two (2) sets of three (3) ponds connected to a PRAS system and drum filter as in Phase 1, will be installed adjacent to the new raceways. All effluent from the drum filters will be routed to the hatchery outfall. A Venturi system with dedicated pumps will be installed using water in the PA pond as motive flow with suction ports along the raceways to allow for vacuuming accumulated waste from the raceways. Vacuumed waste from the raceways and backwash from the drum filters will be routed to the PA pond for settling.

The remaining foundation and footings with micropiles will be placed and the PEMB canopy structure and predation protection will be installed. This canopy structure will be approximately 130 ft x 400 ft and will meet all structural and stability requirements of local regulations. The existing hatchery access road from W Waikiki Rd will be demolished, widened, and repaved.

Phase 3

Phase 3 involves the demolition of the Griffith Spring intake structure and downstream water control structures with associated piping; the demolition of three (3) 9 ft x 70 ft concrete raceways and four (4)

20 ft x 100 ft concrete raceways with associated piping and outfall culverts on the east side of the hatchery; demolition of two (2) existing residences with associated infrastructure; and demolition of storage buildings.

The Griffith Spring intake will be replaced with a Ranney well collection chamber or similar collection apparatus, and perforated horizontal piping designed to capture the hatchery's full water right of 25 cubic feet per second (cfs).

A new office and shop building will be constructed to the west of the current hatchery incubation building where the current storage building is. This building will be a single-story 90 ft x 34 ft building which will include office spaces for the hatchery manager and site biologist, break room, conference room, locker room, utility closet, electrical room, two restrooms, and three (3) 14 ft x 34 ft storage bays. The existing hatchery incubation building will undergo limited upgrades which include fixing the building drainage, removing a non-load-bearing interior wall, heating and ventilation upgrades, and replacing the roof insulation.

Four (4) new residences will be constructed for on-site hatchery staff. The residences will all be based on the same single-story floor plan of three bedrooms, two bathrooms, and a two-car garage. Also, as part of this phase, solar panels will be installed on the PEMB metal roof.

A public parking area and green space will be constructed where the existing raceways were demolished. The remaining residence in this vicinity will be renovated into a public meeting space and informational area.

After all construction is complete, Griffith Slough will be dredged of phosphorus-laden soils from past hatchery effluent deposits. The extent and method of dredging will be decided in conjunction with the Washington State Department of Ecology based on the results of the upcoming sediment core and analytical studies. Sediments will be disposed of in a manner appropriate to the contaminants they contain. As part of the mitigation efforts, the portion of the derelict concrete dam above the ordinary high water on Griffith Slough will be removed leaving the earthen berm in place. The earthen berm will be planted with riparian species, preserving the slough's oxbow-like conditions. Additional mitigation for all phases of impacts to wetlands, buffers, and waters will occur in Phase 3. Mitigation requirements will be determined through consultation with Ecology, the U.S. Army Corps of Engineers, and Spokane County shoreline regulators.

- 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.**

Project address or location description: 2927 W Waikiki Rd, Spokane, WA 99208

County: Spokane

Township, Range, and Section: T26N R42E Sec 11

GPS coordinates (optional): 47.7662, -117.46039

## **B. Environmental Elements**

### **1. Earth** [Find help answering earth questions](#)

- a. General description of the site:** The project area is relatively flat but sits at the base of steep granite slopes in the Spokane Valley.

Check one:  Flat,  Rolling,  Hilly,  Steep slopes,  Mountainous,  Other:

- b. 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.**

The site is largely developed with dry upland soils. Wetland soils consist of clay loam, mucky loam, sandy loam, and sand textures. The stream soils on site consist of gravel, cobble, and sand textures. The NRCS Web Soil Mapper identified four main soil types within the project area: Peone-Saltese complex, 0-3% slopes; Aquepts ashy loam, frigid, 0-3% slopes; Springdale gravelly ashy coarse sandy loam, 0-8% slopes; and Brevco-Rock outcrop complex, 30-60% slopes.

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

No  Yes, describe: Geotechnical investigations found that the hatchery sits atop a five-foot layer of gravel with and sand-silt top layer and a high water table, indicating a high liquefaction potential in some areas of the site.

- d. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

**Total Area, Below OHWM, Above OHWM, and source of fill for each phase.**

Purpose	Cut	Fill	Total Area (sqft, acre)
Griffith Spring Intake Removal	<i>Below OHWM: 40 CY Above OHWM: -</i>	<i>Below OHWM: 47 CY Above OHWM: -</i>	7,673 sq ft
Access Road	<i>Below OHWM: - Above OHWM: -</i>	<i>Below OHWM: 1 CY Above OHWM: 206 CY</i>	
Griffith Slough Dam Removal	<i>Below OHWM: 437 CY Above OHWM: -</i>	<i>Below OHWM: 190 CY Above OHWM: -</i>	
Griffith Slough Dredging*	<i>Below OHWM: TBD Above OHWM: -</i>	<i>Below OHWM: - Above OHWM: -</i>	~ 73,693 sq ft

\*Dredging values are approximate; exact amounts will be determined following sediment sampling to determine the extent of phosphorus contamination.

The Hatchery renovation will result in a net increase of 41,726 sq ft of impervious surfaces because of grading and construction activities.

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

No  Yes, describe: Erosion could occur due to the excavation and construction of the new hatchery facility, and removal of the Griffith Slough Dam.

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

Approximately 13% of the site will be covered with impervious surfaces after project completion; a net

increase of 1.7%. Most project areas were developed with impervious surfaces prior to this project.

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

Construction activities will be conducted following a temporary erosion and sediment control plan (TESC). Appropriate BMPs such as silt fences, straw wattles, turbidity curtains, and vehicle washout areas will be placed along the limits of construction to control sediment erosion. Following construction and between construction seasons, all bare soils will be stabilized with a native seed erosion control mixture or other appropriate measures. The contractor for each phase will establish the phase-specific erosion and runoff BMPs per agency standards. Additionally, all necessary construction efforts will be taken to stabilize infrastructure, work around the groundwater table, and adapt to site conditions.

**2. Air** [Find help answering air questions](#)

**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.**

Construction of the proposed project will likely increase dust and vehicle emissions on-site during construction phases; however, it will not result in any additional emissions once construction is complete. The site currently functions as a fish hatchery, site use will not change.

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

No  Yes, describe:

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

Equipment and construction will be limited to the amount necessary to complete the project. Appropriate BMPs will be implemented, as needed.

**3. Water** [Find help answering water questions](#)

**a. Surface Water:** [Find help answering surface water questions](#)

**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.**

No  Yes, describe: Six (6) distinct wetlands and six (6) stream features were identified during a wetland delineation that occurred in September 2022. Wetland A and Stream 01 are associated with Griffith Springs and the hatchery water intake. Stream 02 flows from Wetland A to Wetland B above the existing parking area. Stream 03 flows through a roadside ditch into Stream 01 which turns into Griffith Slough. Griffith Slough is an oxbow feature of the Little Spokane River. Wetlands C, D, and E, and Streams 04, 05, and 06 are part of a large wetland complex associated with Stream 01/Griffith Slough. Wetland F is a low-lying area slightly northwest of the hatchery area.

**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.**

No  Yes, describe:

Phase 1: Work will occur adjacent to (within 200 ft) Griffith Slough due to the construction of the

pollution abatement ponds, outfall structure, and new ponds.

Phase 2: Work will occur adjacent to Griffith Springs from the demolition and repaving of the access road, and Griffith Slough from the demolition and construction of the round ponds, raceways, and gravel access road. Additionally, rip rap will be placed on the bank of Griffith Slough to stabilize the bank adjacent to the gravel access road.

Phase 3: The existing concrete dam will be removed after the hatchery renovation is finished and the slough has been dredged to remove contaminated soils from the hatchery effluent. Wetland A and Stream 01/Griffith Springs will be impacted due to the reconstruction of the hatchery intake. Wetlands C and F may be affected by hatchery and residence renovation activities. See the attached plans for more information. The earthen berm where the dam sits will be backfilled and restored as part of the mitigation for this project.

- 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.**

Griffith Springs Intake: 40.10 CY of cut and 47.22 CY of fill.

Griffith Slough Dredging and Dam Removal: Approximately 73,693 sq ft will be dredged to remove soils contaminated with phosphorus deposited through Hatchery effluent. The exact area and quantities will be determined following sediment testing in the summer of 2024.

Wetlands: Approximately 25,730 sq ft of wetlands will be impacted during the hatchery renovation activities.

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

No  Yes, describe: The hatchery has an existing water right of 25 cubic feet per second (cfs). The Griffith Spring intake will be renovated in Phase 3 to ensure full collection of the allowed water amount. Water will need to be diverted to the hatchery building and grounds during Phase 3 and the reconstruction of the intake to ensure hatchery functions are uninterrupted. Furthermore, water may need to be diverted during the dredging of Griffith Slough. Quantities are unknown at this time.

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

No  Yes, describe: A portion of the proposal, the Griffith Slough work, lies within the regulatory floodway according to the FEMA FIRM map.

- 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  Yes, describe: The hatchery traditionally dammed Griffith Slough to use as an inline settling pond before water was allowed to flow out to the Little Spokane River. That dam has since been compromised by erosion on the east side of the dam. The hatchery will continue to discharge to Griffith Slough until after the new treatment system is online; some hatchery waste materials may still be leached from the soil until the slough is remediated. Griffith Slough will be remediated through dredging of contaminated soils in Phase 3 after the renovation is complete.

**b. Ground Water:** [Find help answering ground water questions](#)

- 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  Yes, describe:

- 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.**

No waste material will be discharged into groundwater.

**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.**

Stormwater will be conveyed through catch basins and sheet flow to treatment BMPs, likely a bioswale feature. Hatchery effluent will be combined into a single outfall that undergoes screening. Pollution abatement effluent will also merge into this common outfall. During construction, runoff may occur from the work areas; however, all runoff will be treated according to a TESC plan. After construction, the new PA pond will help improve the water quality of the discharge to Griffith Slough.

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

No  Yes, describe: Waste materials, such as tire dust and other vehicle waste, have the potential to enter surface waters through stormwater runoff. Stormwater will be collected and treated before it is allowed to enter water courses.

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

No  Yes, describe:

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

BMPs necessary to control runoff will be used and may include straw wattles, silt fencing, and turbidity curtains.

**4. Plants** [Find help answering plants questions](#)

**a. Check the 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
- 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?**

The majority of the work will occur on previously disturbed or graveled surfaces. A portion of the maintained lawn may be converted to impervious surface from the expansion of the hatchery facility and appurtenant structures. Wetland and riparian forest vegetation may be removed for access and construction on the intake structure at Griffith Springs and removal of the Griffith Slough dam.

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

Species: N/A. No threatened or endangered plant species are known to occur on or near this site.  
Information obtained from: USFWS IPaC resource list.

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

None.  Yes, describe: Landscaping for new residences and the public green space will occur. Removal of existing vegetation will be limited to the minimum amount needed for construction of the renovated facility. In addition, mitigation will occur following construction activities in Phase 3.

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

Reed Canary Grass

**5. Animals** [Find help answering animal questions](#)

**a. Circle or 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: moose

**Fish:** bass, salmon, trout, herring, shellfish, other:

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

Species: Yellow-billed Cuckoo (*Coccyzus americanus*) - Threatened

Monarch Butterfly (*Danaus plexippus*) - Candidate

Information obtained from: USFWS IPaC resource list.

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

No  Yes, describe: The Bald Eagle (*Haliaeetus leucocephalus*) and the Golden Eagle (*Aquila chrysaetos*) are known to occur in the area and are protected under the Bald and Golden Eagle Act and the Migratory Bird Treaty Act. Other species protected under the Migratory Bird Treaty Act include California Gull (*Larus californicus*), Cassin's Finch (*Carpodacus cassinii*), Evening Grosbeak (*Coccothraustes vespertinus*), Lewis's Woodpecker (*Melanerpes lewis*), Olive-sided Flycatcher (*Contopus cooperi*), Rufous Hummingbird (*Selasphorus rufus*), and Western Grebe (*Aechmophorus occidentalis*).

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

Work will be limited to the time needed for construction. The majority of the vegetation on site will not be disturbed. Suitable habitat does not exist on site for either the Yellow-billed Cuckoo or the Monarch Butterfly. Dredging of Griffith Slough will remove phosphorus-contaminated soils which will improve water quality for fish, such as the native Redband Trout.

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

No invasive animals are known to occur at this site.

**6. Energy and Natural Resources** [Find help answering energy and natural resource questions](#)

**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.**

The project currently functions as a fish hatchery; therefore, the area is already equipped with electricity and natural gas. The hatchery renovation will include upgrades to the existing electrical facilities, installation of a generator, and installation of solar panels on the PEMB. Machinery used in construction will require the use of fuel and/or diesel and may include construction equipment, generators, and temporary trailers.

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

No  Yes, describe:

**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.**

Some of the existing electrical facilities will be upgraded to more energy-efficient technologies. Solar panels will be installed atop the PEMB pond cover structure, and new hatchery staff residences will be built to current electrical standards. Upgrades to the raceways and round pond infrastructure will include more efficient pump systems and the PRAS will decrease water usage.

**7. Environmental Health** [Find help with answering environmental health questions](#)

**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.**

No  Yes, specify: Fuel spills or vehicle/machinery leaks are possible during construction. The risk of a spill or leak is not likely, but spill kits will be available on-site if a spill should occur. Additionally, the hatchery may be storing hazardous chemicals related to hatchery operations. These chemicals will be sealed and stored in a separate shed that will be isolated from construction activities.

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

Griffith Slough has historically been used as an inline settling pond for hatchery effluents. As such, it contains hatchery waste solids and soils potentially contaminated with phosphorus and PCBs.

**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.**

The hatchery is currently served by natural gas and electricity utilities and may contain some underground transmission lines. Any transmission lines will be located and marked appropriately prior to construction in any phase.

**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.**

Hatcheries use several chemicals to keep fish healthy, including formalin for the treatment of parasites. These chemicals are already in use at the hatchery and the use of these chemicals will not change as a result of this project. Hazardous chemicals are stored in a separate shed on site and will be isolated during construction.

**4. Describe special emergency services that might be required.**

No special emergency services are anticipated. If needed, appropriate emergency services will be contacted.

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

Fueling of vehicles and machinery will be completed upland at least 50 feet away from any waters or wetlands to prevent any source of fuel from entering surface waters. A spill kit will be available on-site in the event of an accidental spill. Additionally, any hazardous chemicals stored onsite will be stored in a designated storage shed at a safe distance from any construction activities.

**b. Noise**

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

No existing noise will affect this project.

**2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site)?**

Noise levels will be elevated short term during construction phases due to the use of heavy machinery and the increase in traffic and large trucks entering and exiting the project site. Construction equipment is anticipated to run during normal working hours of operation (7 a.m. to 7 p.m., Monday through Friday); however, generators may run overnight and outside of normal construction hours. Long term, noise levels at the hatchery are not expected to increase as a result of this project.

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

Noise from construction will be limited to typical working hours of 7 a.m. to 7 p.m.

## 8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

- 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.**

The project site currently functions as a state-run fish hatchery and this use will not be changing. The property adjacent to the hatchery includes a private school. The proposed renovation of the hatchery will not affect current land uses on or near the project site.

- 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?**

No  Yes, describe:

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?**

No  Yes, how:

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

Structures on site include a hatchery incubation building, storage/garage, chemical storage building, concrete round ponds and raceways, and three residences for hatchery staff. The site also includes hatchery intake structures and a concrete dam across Griffith Slough.

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

No  Yes, specify: One storage/garage building, two residences, the concrete dam, concrete round ponds and raceways, and intake structures will be demolished.

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

Rural Conservation

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

Rural Conservation

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

Rural Conservancy

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

No  Yes, specify: Numerous documented wetlands are present onsite. Also, the project area falls partially within the 50-year and 100-year Channel Migration Zones (CMZ) for the Little Spokane River.

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

Four hatchery staff and their families will live on-site at the hatchery following completion of the project.

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

Zero people will be displaced by the project.

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

New housing will be built before the old residences are destroyed, where possible.

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

New housing will be placed outside of the 50-year CMZ. All housing will comply with current building and septic codes.

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

Not applicable.

**9. Housing** [Find help answering housing questions](#)

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

Four housing units will be provided for hatchery staff who live on the premises. Housing is provided for staff so that response time for emergencies involving fish life is minimal.

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

Two of the three existing housing units will be demolished and replaced for use by the hatchery staff who live on the premises.

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

New housing will be built adjacent to the old housing before the old residences will be destroyed so as not to displace residents. No housing outside of WDFW lands will be affected.

**10. Aesthetics** [Find help answering aesthetics questions](#)

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

The tallest proposed structure will be the metal pole building over the ponds at 30 ft tall.

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

No views in the immediate vicinity will be obstructed.

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

No measures are proposed.

**11. Light and Glare** [Find help answering light and glare questions](#)

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

Glare could potentially occur from light reflecting off the metal roof of the pond cover and/or solar panels on top of this roof. Midday is the most likely time that glare will occur.

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

No  Yes, specify:

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

No existing off-site sources of light or glare will impact the project proposal.

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

No measures are proposed as the potential glare will not affect surrounding land uses or cause a hazard.

**12. Recreation** [Find help answering recreation questions](#)

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

The Hatchery is open to the public for general viewing and educational purposes during normal business hours. A public hand launch area called St. George's put-in is located immediately west of the hatchery. Additionally, the Little Spokane River north of the hatchery provides fishing, boating, and other water-based recreational activities.

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

No  Yes, specify:

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

No measures are proposed. Portions of the Hatchery not under construction will remain open to the public during the renovation.

**13. Historic and Cultural Preservation** [Find help answering historic and cultural preservation questions](#)

**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.**

There are two recorded archaeological sites (45SP00296 & 45SP00696) within a 1.0-mile radius of the Area of Potential Effect/Area of Potential Impact (APE/API). There are seven historic properties (Property ID#: 20738, 706401, 20784, 20729, 165697, and 36715) within a 1.0-mile radius of the APE/API including one property (Property ID#: 708308) located within the APE/API. There are not any archaeological sites, traditional cultural properties, or other cultural resources located within the APE/API. However, according to the DAHP Predictive Model, the APE/API is located in a high-risk area where a cultural survey is highly advised.

**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.**

Four cultural surveys have been completed within a 1.0-mile radius of the APE/API (Emerson 2016; Gough and Ives 2011; Roulette et al. 2011; Sackman et al. 2019).

WestLand Resources (WestLand) and Gorman Preservation Associates (GPA) conducted a built environment survey titled "Cultural Resources Survey for the Spokane Fish Hatchery Renovation Project, Spokane County, Washington". This built environment survey recorded all buildings and structures located within the APE that are more than 45 years old. The survey resulted in the recording of 21 buildings and structures within the APE. The report and associated Historic Property Inventory forms have been submitted to WISAARD under Project #2022-01-00030. WDFW concurs with WestLand and GPA's recommendations regarding the ineligibility of the Spokane Hatchery to the NRHP under Criterion A, B, C, and D.

Additionally, WDFW agrees with WestLand and GPA's recommendation that the stone bridge is eligible for listing in the NRHP as an individual resource under Criteria A and C. The stone bridge is a recognizable and excellent representation of a stone bridge constructed by the WPA and WERA, two social programs initiated by New Deal programs during the Great Depression. WDFW recommends that the project will not have an adverse impact on NRHP eligible resources as the Spokane Hatchery is not recommended a historic property.

- 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.**

Consultation with Tribes and DAHP under EO-21-02 and a cultural resource survey were conducted.

- 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.**

WDFW acknowledges that the project may have an adverse impact to the stone bridge during repairs to the entrance road. WDFW will take into consideration these adverse impacts during the design phase of this project and are actively looking at ways to minimize or avoid these impacts entirely.

#### **14. Transportation** [Find help with answering transportation questions](#)

- 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.**

The Hatchery is located off W Waikiki Road in north Spokane, between highways 291 and 395. The proposed access to the site will occur from W Waikiki Rd to Hatchery Rd, the access road to the Hatchery.

- 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  Yes, specify: The nearest bus stop is approximately 2 miles away at the intersection of N Waikiki Rd and N Mill Rd.

- 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).**

No  Yes, specify: The project will include upgrades to the private Hatchery Rd.

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

No  Yes, specify:

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?

No additional vehicle trips per day will be generated as a result of this project. The project involves upgrades to an existing facility, providing more parking spaces.

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  Yes, specify:

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

No measures are proposed.

#### 15. Public Services [Find help answering public service questions](#)

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  Yes, specify:

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

No measures are proposed.

#### 16. Utilities [Find help answering utilities questions](#)


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

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.

Existing utility infrastructure will be upgraded during the hatchery renovation. This project will not result in any new utilities.

#### C. Signature [Find help about who should sign](#)

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.

X  \_\_\_\_\_



**Typed/printed name of signee:** Alexandra Laughtin

**Position and agency/organization:** Environmental Planner/

**WDFW Date submitted:** 6/6/2024. Revised 6/27/2024.

*Individuals who need to receive this information in an alternative format, language, or who need reasonable accommodations to participate in WDFW-sponsored public meetings or other activities may contact the Title VI/ADA Compliance Coordinator by phone at 360-902-2349, TTY (711), or email ([Title6@dfw.wa.gov](mailto:Title6@dfw.wa.gov)).*