State of Washington
DEPARTMENT OF FISH AND WILDLIFE
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Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia, WA

DETERMINATION OF NONSIGNIFICANCE (DNS)

Name of Proposal: DNS 24-022: SPOKANE HATCHERY RENOVATION

Description of Proposal:

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 liquefication 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 pounds, which consist of two sets of three 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 Raney 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.

The east side of the Hatchery facility, where the last of the existing raceways will be demolished, will be converted into a public parking area and green space. 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 contaminated soils. 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 concrete dam spanning Griffith Slough will be removed and the earthen berm will be backfilled and 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.

Proponent/Applicant: Washington State Department of Fish and Wildlife (WDFW)
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Location of Proposal, including street, if any: WDFW Spokane Fish Hatchery, 2927 W Waikiki Road, Spokane, Spokane County, Washington: Township 26N, Range 42E, Section 11.

Lead Agency: Washington Department of Fish and Wildlife (WDFW)

WDFW has determined that this proposal will likely not have a significant adverse impact on the environment. Therefore, state law[1] does not require an environmental impact statement (EIS). WDFW made this determination of nonsignificance (DNS) after we reviewed the environmental checklist and other information on file with us.

We issued this DNS according to state rules.[2] **We will not act on this proposal for 14 days** from the date we issued the DNS. Agencies, affected tribes, and members of the public are invited to comment on this proposal or DNS. We must receive your comments within 14 days of the date of this letter. The comment period will end at **5:00 pm on July 1, 2024.**

Method of Comment:
SEPA documents related to this proposal can be reviewed at the WDFW SEPA website at: http://wdfw.wa.gov/licenses/environmental/sepa/open-comments.

The following procedures shall govern the method to comment on agency SEPA proposals. Comments received through these procedures are part of the official SEPA record for this proposal. You can submit your comments through one of the following ways:

- Online at the Public Input comment portal for this proposal: https://publicinput.com/SpokaneHatcheryRenovation
- Email to: SpokaneHatcheryRenovation@PublicInput.com

Responsible Official: Lisa Wood

Position/Title: SEPA Responsible Official and SEPA/NEPA Coordinator, WDFW Director's Office

Address: PO Box 43200, Olympia, WA 98504-3200

After the comment period closes, applicants may view the updated status of this proposal on the WDFW SEPA website: https://wdfw.wa.gov/licenses/environmental/sepa/closed-final. Once the status is posted as final, applicants and permittees may take action on the proposal. When a proposal is modified or withdrawn, notice will be given in accordance with state law.[1]

If you have questions about this determination or the details of the proposal, or have difficulty with the Public Input comment portal, contact Lisa Wood at: SEPADesk2@dfw.wa.gov.

DATE OF ISSUE: June 17, 2024 **SIGNATURE:** Lisa Wood

Footnotes
1. RCW 43.21C.030(2)(c)
2. WAC 197-11-340(2).

SEPA Log Number: 24-022.dns

Individuals who need to receive this information in an alternative format or 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).