

Purpose of Checklist: The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help the Responsible Official of the Snohomish County Public Utility District No. 1 and any other agencies with jurisdiction, to identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

A. BACKGROUND

1. Name of proposed project, if applicable:

Spada Lake Wildlife Habitat Improvement Thinning

2. Name of applicant:

Public Utility District No. 1 of Snohomish County

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

**Public Utility District No. 1 of Snohomish County
P.O. Box 1107
Everett, WA 98206-1107
Project Leader: Mike Schutt
Phone: 425-783-1712**

4. Date checklist prepared:

November 25, 2025

5. Agency requesting checklist:

Washington State Dept. of Natural Resources

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

Operations including road building, timber harvest and decommissioning are expected to occur from approximately June through October of 2026, depending on contractor scheduling and log markets. No project phasing is proposed.

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

No other activity is expected related to this proposal. Snohomish PUD will continue to manage the Spada Lake vicinity under the Henry M. Jackson Hydroelectric Project license (Federal Energy Regulatory Commission Project No. 2157) and applicable management plans.

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

- **WA DNR Forest Practices Application (FPA), prepared by Roots Forestry Consulting, LLC.** ✓
- **Geotechnical Evaluation, prepared by GeoEngineers, Inc., dated August 11, 2025.** ✓
- **Terrestrial Resource Management Plan, prepared for Public Utility District No. 1 of Snohomish County, dated May 2009.** ✓

9. Do you know whether applications are pending for governmental approvals or 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.

WA DNR Forest Practices Application. ✓

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.

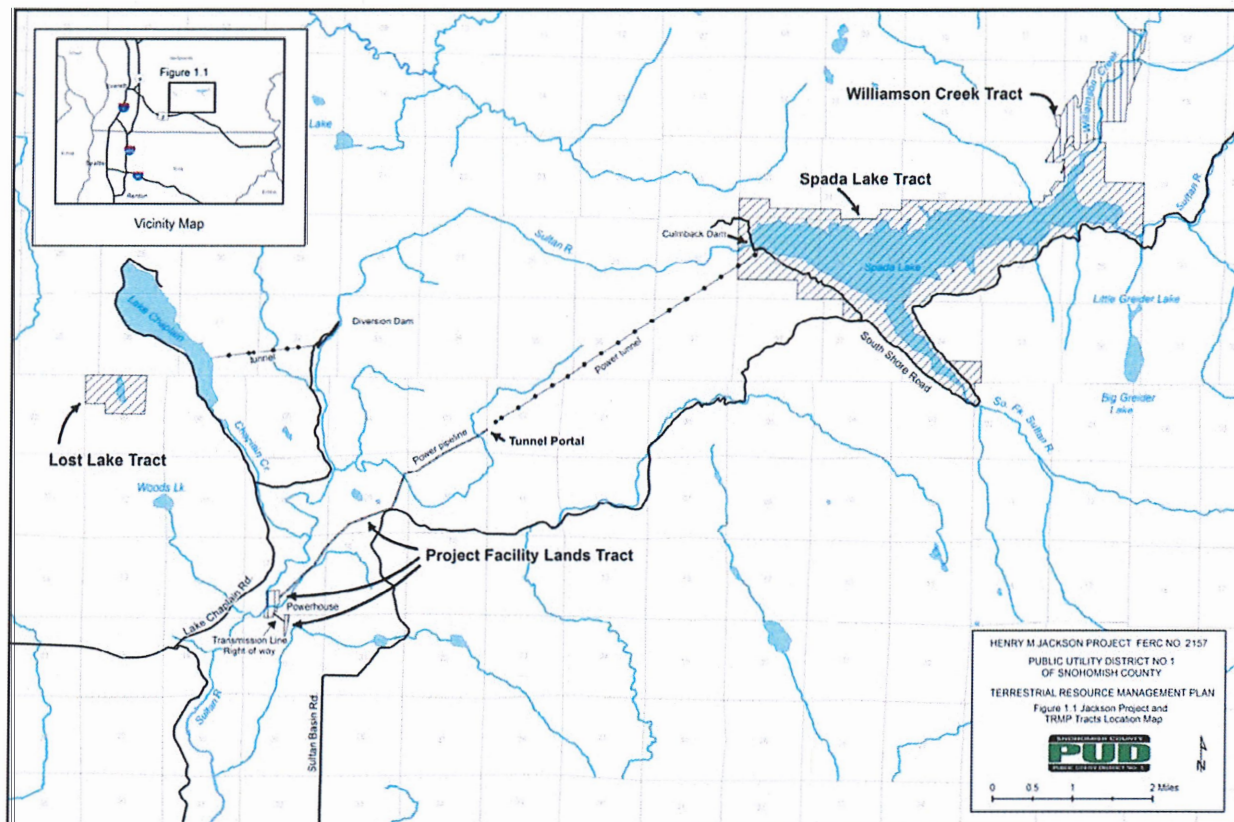
The proposed project includes thinning twelve units across approximately 155 acres of forest on Snohomish PUD's Spada Lake Tract. The goal is to improve wildlife habitat by creating structural complexity in the stands and increasing sunlight to the forest floor, thereby increasing understory forage and berry production in accordance with the FERC approved Terrestrial Resource Management Plan for the Henry M. Jackson Hydroelectric Project.

Approximately 0.56 miles of road construction is planned to access landlocked units, of which approximately 90% consist of reconstructing/restoring existing road grades; these grades will be abandoned when work is complete. Road work and log haul routes will meet or exceed Forest Practice Rules. Access to several units is from State-owned roads and will require cutting of access right-of-way through DNR property onto Snohomish PUD property.

Stands to be thinned are predominantly comprised of homogeneous, even-aged western hemlock, silver fir, and Douglas fir, with smaller proportions of western redcedar and red alder. The stands range in age from approximately 40 to 60 years. Understory vegetation includes sword fern, deer fern, salmonberry, and western hemlock seedlings and saplings.

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 project is located on PUD's Spada Lake Tract in Snohomish County, about 13 miles northeast of Sultan, WA. The legal description for the parcel include Sections 20, 26, 27, 29, 33, and 34, Township 29 North, Range 9 East W.M. The parcels on which the project will take place do not have a street address but they are located at the end of Sultan Basin Road around the Spada Lake reservoir.



ENVIRONMENTAL ELEMENTS

13. Earth

a. General description of the site:

Forested terrain around the Spada Lake reservoir, with slopes ranging from 0 to 70%.

(underline one): Flat, rolling, hilly, steep slopes, mountainous, other _____

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

70%

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.

Soils in the vicinity of Spada Lake consist of loams and sandy loams formed on Pleistocene era glacial till (cobbles, gravels and sand), glacial outwash (sand and gravel) and lake deposits (silt and clay). Rounded alluvial gravel, cobble and sand deposits are prominent along the Sultan River, formed from both underlying sedimentary rock and intrusive igneous rock. No prime farmland or agricultural soils are known to be located within the project boundary. No soils will be removed from the site as part of this project.

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

Snohomish PUD hired a licensed engineering geologist firm who meet the Forest Practices definition of a "Qualified Expert" to review any potentially unstable soils in the vicinity of this proposal. The QE assessment of the landslide activity within and adjacent to the proposed harvest unit was based on a review of the Forest Practices Application Mapping Tool (FPAMT) and WGS, a review of lidar-derived hillshade and topography, a review of aerial photography and orthophotos of the project site from 1953 through 2023, and site reconnaissance on lidar and in the field. This evaluation indicated that there are several mapped WGS SLIP landslides within the proposed FPA. Features in the vicinity of the proposal include convergent headwalls, deep-seated landslides, and groundwater recharge areas of glacial deep-seated landslides. Any areas of potential instability were either excluded from the harvest area or were mitigated with practices that will not exacerbate slope stability concerns. See the FPA and associated geotechnical report for details.

- 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.

Minimal cuts and fills will occur with the road construction and reconstruction proposed in this project. Road construction will utilize standard cut and fill methodology. Native soil and rock will be excavated from the road prism and used for fill in the sub-grade and over cross drains and stream crossings where possible. Roads may be graded following haul if needed. Most logs will be yarded to existing roads to minimize number of landings needed. No excavation is planned in this proposal.

Approx. acreage of new roads: 0.01 (~4-5 stations of new road on 0-5% slopes to be added to extend Road B)

Approx. acreage of new landings: 0.5

Fill Source: Native Rock or Fill

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Minor amounts of erosion could occur on exposed road grades after tree and stump removal. The roads will be rocked as soon as possible to protect the

subgrade and allow for adequate drainage. Road construction is not expected to occur during the wet season.

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

None.

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

"Best Management Practices" will be followed to minimize soil disturbance and avoid sediment delivery to streams. Roadwork and log haul routes will meet or exceed Forest Practice rules. All ground-based operations will be limited to periods of dryer soil conditions. Logging slash and debris will be placed on skid trails/forwarder trails to protect the soil. Straw may be applied to any areas with a perceived risk of soil erosion or sediment transport.

Buffers along all streams and wetlands meet or exceed current FPA requirements and were reviewed as part of the geotechnical review.

14. Air

- 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.

Short term emissions are anticipated as part of this project associated with fuel exhaust from ground-based logging equipment, log trucks, and chainsaws. Odors from construction materials may occur, engine exhaust will be present during construction, and dust may be generated during short-term clearing and grading activities. A temporary increase in carbon dioxide, nitrous oxide and methane emissions from off road, on road and possibly stationary sources involved in the construction phase will occur during the period of active construction and discontinue when construction is complete.

The greenhouse gas emissions associated with the active construction of the project are estimated to be as follows:

• Carbon dioxide:	125 metric tons
• Methane:	3 kilograms
• Nitrous oxide:	4 kilograms
• Total combined in CO2 equivalents:	127 metric tons

No long-term emissions are anticipated for the completed.

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

No. There are no known off-site sources of emissions or odors.

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

None planned or deemed necessary. Slash will not be burned.

15. Water

a. Surface Water:

- 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.

Spada Lake Reservoir is located in the vicinity of the proposal area. Numerous unnamed fish bearing, perennial, and seasonal streams are located throughout the proposal area that flow into Spada Lake or the Pilchuck River. No-cut buffers have been placed on all streams and water bodies according to the PUD's Terrestrial Resource Management Plan (TRMP), which typically exceeds WA Forest Practices rules. See FPA for buffer details.

- 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.

Timber harvest and yarding will take place within 200' of fish bearing and non-fish streams. Road reconstruction activities are planned to take place over one seasonal, non-fish stream on Road A. This stream averages 1-2 feet bankfull width and a 24-inch x 30-foot round culvert will be placed at this location in accordance with Forest Practice rules.

- 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 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.

No.

- 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 Water:

- 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.

No.

- 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.

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.

Stormwater on constructed roadways will flow to ditches and relief culverts, which will direct water to dissipate over the forest floor. Water in the harvest units will percolate into forest soils and minimal runoff is anticipated.

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

There should be minimal impact on ground or surface water resources given the resource protection measures in the proposal area. Fueling and lubrication will take place away from surface waters to prevent contamination. A spill kit will always be onsite to contain waste materials should a spill occur.

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

The natural topography of the land will not be altered during logging or road construction/reconstruction activity. No significant cuts or fills are planned in this proposal. Cross drains and relief culverts will be installed on constructed roadways to allow water to drain to its natural course in accordance to Forest Practice rules.

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

All activities associated with this proposal will meet or exceed Forest Practices standards and will follow the PUD TRMP. Spill kits will immediately be used should a fuel or lubricant spill occur. Any significant rutting that occurs from ground-based equipment will be re-surfaced; water bars will be installed to prevent erosion, if necessary. Soils that are exposed during skidding or yarding activities will be mulched with logging slash.

16. Plants

- 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?

Approximately 155 acres of 40 to 60-year-old conifer forest will be thinned using a combination of ground-based and cable logging methods. Approximately 30 to 40 percent of the timber volume will be removed, generally thinned from below. Some of the existing shrubs and herbaceous plants will be disturbed to varying degrees during the thinning process, but one of the main goals of the project is to stimulate additional vegetation as the result of the forest canopy thinning.

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

No federally threatened or endangered plant species are known to occur onsite.

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

Approximately 60 - 70% of the native trees in each stand will be retained to maintain forest habitat onsite. Native shrubs are expected to flourish after the forest canopy is opened up.

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

None observed.

17. Animals

- 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.

Birds: hawk, heron, eagle, marbled murrelet, common loon, songbirds, waterfowl

Mammals: deer, bear, elk, beaver, small mammals

Fish: salmon (downstream of Culmback Dam), trout, mountain whitefish, brown

bullhead, sculpin, dace, lamprey, stickleback, suckers

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

- **Puget Sound DPS Chinook Salmon (*Oncorhynchus tshawytscha*)**
- **Puget Sound DPS of Steelhead Trout (*Oncorhynchus mykiss*)**
- **Coastal-Puget Sound DPS Bull Trout (*Salvelinus confluentus*)**
- **Marbled murrelets (*Brachyramphus marmoratus*)**

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

Anadromous fish use the Sultan River to migrate to spawning grounds, and project lands are within the Pacific Flyway, attracting river and mountain lake associated birds.

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

The forest thinning is expected to improve wildlife habitat by promoting vigorous growth of understory browse for ungulates and berries for bears, songbirds, and other wildlife. Pollinator habitat should be improved by an increase in flowering plants in sunnier conditions. Snags shall be retained where safe to do so.

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

Non-native brown bullheads are present in Spada Lake.

18. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Does not apply.

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

Does not apply.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None. All tree removal and hauling activities will be conducted in an efficient manner to minimize fuel use.

19. Environmental Health

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

Hazardous chemicals used in the project involve small amounts of diesel fuel, gasoline, and lubricants used in vehicles and chainsaws.

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

None known.

- 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.

None known.

- 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.

Petroleum products such as gasoline, diesel, grease, and hydraulic fluid may be used and stored during the operating life of this project.

- 4) Describe special emergency services that might be required.

Standard county emergency services (sheriff, fire) might be required, but not anticipated. The District maintains an annual contract with the Snohomish County Sheriff's Office to patrol the Project area for additional safety, security and to prevent vandalism. Logging contractors will follow WA DNR Industrial Fire Precaution Level (IFPL) guidelines to prevent wildfires. DNR firefighting resources are on-call in the event of a wildfire.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

Spill kits will be used for any fuel or lubricant spills, should they occur.

b. Noise

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

Minor traffic noise from dam facility operations and recreationists is present in the Spada Lake area. Noise from chainsaws, logging equipment, and log trucks is sometimes present on adjacent forestland.

- 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 from chainsaws, ground-based and cable logging equipment, log trucks, and commuting vehicles will be created by the project on a short-

term basis. Intermittent noise will be present onsite from approximately 5 am to 5 pm.

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

Chainsaws and equipment will not be used during evening or nighttime hours, or on weekends.

20. Land and Shoreline Use

- 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.

All District Jackson Project lands are used for siting and operations of the hydroelectric facility, or for land management and protection, mitigation and enhancement measures. The facilities and operations of the Jackson Project are a very minor land use component, however this facility both drives and funds the management of all other lands within the Project Boundary. Adjacent properties are managed by Washington DNR for timber production and recreation at the Morningstar Recreation Area. Current land uses on nearby or adjacent properties will not be affected, although road segments may be temporarily closed for public safety during times of active logging operations.

- 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 non-forest use?

No agricultural land is located in the proposal area. The project site was historically managed as working forest lands and was purchased for mitigation as part of the Jackson Hydroelectric Project. The proposal is consistent with the FERC license requirements. No forest lands will be converted under this proposal.

- 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:

The proposal will not affect or be affected by surrounding DNR working forest land operations. The project area and adjacent District properties are being used as mitigation lands for the benefit of wildlife.

- c. Describe any structures on the site.

Infrastructure associated with Culmback Dam is present in the proposal area. This infrastructure will not be affected or altered as part of the proposal.

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

No.

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

The surrounding lands are zoned as Forestry.

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

The area surrounding Spada Lake and the upper reaches of the Sultan River are designated in the comprehensive plan as National Forest, including some private and non-federal public lands. Project Lands south of the Diversion Dam are designated Commercial Forest (Snohomish County Comprehensive Plan maps, updated August 2010).

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

There is an existing Conditional Use and Shoreline Variance permit for the Project. Snohomish County is currently updating its Shoreline Management Program (draft May 2010); Sultan River is listed as Natural, Urban Conservancy, and Resource; Spada Lake is listed as Municipal Watershed Utility; and Spada tributaries are listed as Resource or Natural under the shoreline environmental designations.

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

All streams and rivers are environmentally sensitive areas under the Snohomish County Code, critical areas ordinance. Each stream and river is protected from certain development activities and is prescribed a buffer according to its size, flow and functional characteristics in the landscape. ✓

- 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:

The proposed project is in accordance with the Jackson Hydroelectric Project Terrestrial Resource Management Plan.

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

None.

21. Housing

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

None.

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

None.

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

N/A.

22. Aesthetics

- 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?

Views into the forest from the Culmback Dam and South Shore roads may be improved from the thinning. No views will be obstructed as part of this proposal.

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

60 to 70% of the trees in the harvest units will be retained to provide continuous canopy cover for wildlife habitat and aesthetic purposes.

23. Light and Glare

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

Light or glare would not be increased from the activities in this project.

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

No.

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

None.

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

N/A.

24. Recreation

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

Designated recreation opportunities are located at multiple locations along the South Shore and Culmback Dam Roads at Spada Lake. Access to Spada Lake recreation sites is limited to daytime hours; fishing, boating, hiking and other recreational activities are available.

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

Recreational access to designated sites may be limited during the work week during active logging operations (Monday through Friday) on either the Culmback Dam Road or the South Shore Road. Both road systems will not be closed at the same time at any point during the project.

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

Logging contractors will not be allowed to restrict access on both the Culmback Dam Road and the South Shore Road at the same time, thereby allowing recreational access on at least one of the road systems at any given time. Logging contractors will be prohibited from working on weekends and will be required to move equipment to the side of the roadway to allow recreational access over the weekend.

25. Historic and cultural preservation

- 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.

No. Culmback Dam and associated infrastructure are approximately 60 years old and were evaluated in 2016. Washington Department of Archaeology and Historic Preservation stated that the facilities had been altered significantly with Phase 2 construction in 1984, thus rendering them ineligible. As such, Culmback Dam is not listed in national, state, or local preservation registers.

- 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.

No known resources for preservation or protection have been identified to date. The Sultan Basin has little potential for extensive travel routes, and the topographical and environmental setting of the Sultan River basin has a low probability for containing prehistoric cultural remains. Historic era activities consisted mainly of hunting, logging and mining.

2008. Historical Research Associates. Historic Properties Study for the Henry M. Jackson Hydroelectric Project (FERC No. 2157), Snohomish County, Washington.

2015. AMEC. Jackson Hydroelectric Project, FERC No. 2157, Historic Evaluation of Culmback Dam, Snohomish County, Washington.

- 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.

From 1963 through 2009, twelve studies involving cultural resources surveys have been conducted within and adjacent to Project lands, and thorough investigations of all areas of proposed soil disturbance have revealed no cultural landmarks or evidence of historic, archaeological, scientific or cultural importance that have not been documented. Tribal representatives will be given the opportunity to offer input during the DNR Forest Practice Application regulatory review process.

- 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.

Any cultural resources identified during operations will be protected. An Unanticipated Discovery Plan (UDP) for the Jackson Project exists and will be used as part of this project. Should archaeological materials or cultural items be discovered during the course of operations, all work in the vicinity will be stopped and associated tribes and Department of Archaeological and Historic Preservation (DAHP) will be contacted per the UDP.

26. Transportation

- 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 Sultan Basin Road is a county road that accesses the project area.

- 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?

The Sultan Basin Road is not served by public transit. The nearest public transit station is near the town Sultan, approximately 13 miles away.

- 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 improvements to public roads will be needed for this proposal. Approximately 0.56 miles of forest road construction/reconstruction will take place on DNR and PUD lands as part of this proposal. These roads will be used for timber harvest and haul only. Roads will be abandoned following DNR forest practice standards to help prevent vehicular and ORV access when work is completed.

- 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?

Approximately ten to twelve vehicle trips per day are expected to occur between the hours of 5 am and 5 pm on weekdays. Peak volume would be around 5 to 6 am and about 50% of the volume would be log trucks.

- 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:

Signs will be posted during periods of active logging operations and haul to inform PUD employees and the general public. The proposed project is for a fixed duration and will not significantly add to traffic volumes or traffic flow in the vicinity of the project. ✓

27. Public Services

- 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. Fire mitigation measures will be implemented in accordance with the Department of Natural Resources guidelines and the PUD's Generation Facilities Wildfire Preparedness and Prevention Plan. ✓

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

None are necessary for this proposal.

28. Utilities

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

Electricity, telephone, and pit toilets are located in the project vicinity at Culmback Dam.

- 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.

No utilities are proposed as part of this project.

B. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Michael S. Schutt

Name of Signee: MICHAEL S. SCHUTT

Position and Agency/Organization: Snohomish County Public Utilities District No. 1

Date Submitted: 12/11/2025