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:

   Burn Road Reservoir

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/Contact: Andrew Sics, PE, Principal Engineer

   Phone: 425-550-3173

   Email: AMSICS@Snopud.com

4. Date checklist prepared:

   June 10, 2025

5. Agency requesting checklist:

   Snohomish County Public Utilities District No. 1 (District)

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

   Start approximately Spring 2026. Construction is anticipated to take approximately one year.

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

   The site is large enough to accommodate a second tank, if needed approximately 20 years in the future, but is not part of this project.

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

   - **Archaeological Survey Report: Snohomish County Public Utility District No. 1 Burn Road Water Reservoir Project, Arlington, Snohomish County, Washington (ERCI, 2023).**
   - **Final Geotechnical Engineering Report (ZipperGeo, May 2025).**
   - **Critical Area Technical Memorandum for Burn Road Reservoir (Wetland Resources, Inc. (WRI), July 2023).**
   - **Existing Conditions Topographical Survey, Snohomish County Public Utility District, 12820 150th ST NE, Arington, WA (David Evans and Associates, Inc., 2022).**
   - **Stormwater Site Plan (Drainage Report) and Construction Stormwater Pollution Prevention Plan (SWPPP) (BHC Consultants, June 2025).**

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 applications are pending.

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

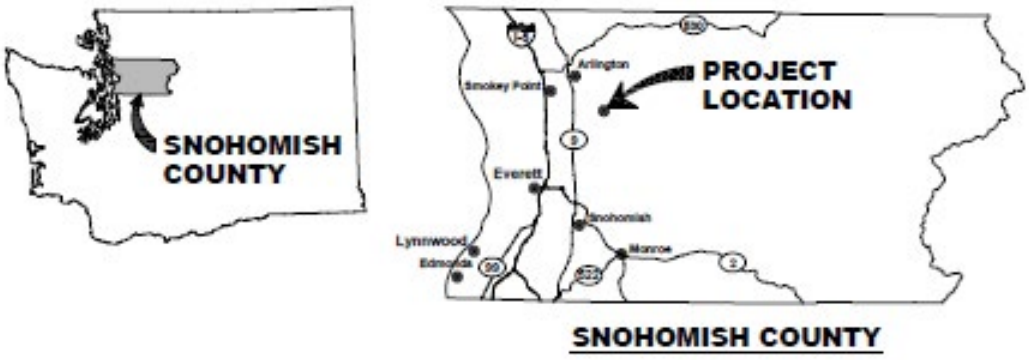
Snohomish County:	**Conditional Use Permit** **Land Disturbing Activity Permit** **Building Permit**
Department of Ecology:	**Construction Stormwater General Permit**

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 checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

    The project proposes the installation of a new 3.6-million-gallon (MG) water storage reservoir, approximately 2,100 linear feet (LF) of 8- to 20-inch diameter water main with associated meter vaults and valves; approximately 7,120 square feet of new asphalt pavement; stormwater swales, catch basins, piping, outlet protection, and dispersion trenches; site restoration; and split rail fencing. The reservoir will be owned and operated by Snohomish Public Utility District No.1 (District) and will be situated on a District-owned parcel. The reservoir will be constructed of welded steel reservoir approximately 70 feet in diameter by approximately 140 feet tall and set on a new reinforced concrete foundation. Of the 2,100 LF of water main, approximately 1,100 LF will be installed within the public right of way (ROW) along 150th ST NE and the remaining 1,000 LF will be installed within the parcel owned by the District.

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 project is located at 12820 150th Street NE, Arlington, Washington (Parcel #31063200101300) and within the ROW along SE 150th ST NE between 12820 and Burn Road. The project is located in the Southeast Quarter of the Northeast Quarter of Section 32, Township 31 North, Range 6 East of the Willamette Meridian.



VICINITY MAP

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site:

Parcel #31063200101300 is 5.82-acres in size and is located to the west of Burn Road and south of Arlington, within unincorporated Snohomish County. The parcel is currently developed with a 1-story structure (garage) and gravel driveway within the northern portion and is surrounded by grass and trees. The southern portion of the parcel consists of a dense native forest dominated by a wetland.

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

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

The project site is crowned at approximate elevation 601 feet above sea level, near the existing garage and generally slopes down to the northeast and southwest. Near the proposed reservoir location, the steepest slope is approximately 4 feet horizontal to 1 foot vertical (4:1).

According to the Geotechnical Report (ZipperGeo 2025), a 33 percent or steeper slope lies approximately 95 feet west of the proposed reservoir construction; however, the site is underlain by low permeability glacial till to at least 28 feet below ground surface (bgs) and therefore, does not meet the criteria for a landslide hazard per the Snohomish County Code (SCC) 30.91L.040.

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.

According to the USDA Soil Survey of Snohomish County, the soils within the project site are Tokul gravelly medial loam with slopes ranging from 0 to 30 percent.

The Geotechnical Report (ZipperGeo, 2025) indicates that the site is underlain by Vashon lodgment till, a glacially consolidated soil that will be well-suited for the support of the reservoir. Two borings were advanced during the geotechnical field investigation to depths of 20.5 feet bgs and 30.5 feet bgs. One boring encountered weathered glacial till, consisting of medium dense, moist, gravelly silty sand to approximately 5 feet bgs and dense to very dense unweathered till extending to the boring's 20.5-foot termination depth. The second boring disclosed dense to very dense glacial till immediately below a shallow 6-inch deep loose silty sand horizon to the boring's 30.5-foot termination depth.

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

No. According to the Geotechnical Report (ZipperGeo, 2025), the site does not meet the criteria for landslide, seismic, or severe erosion hazard areas as defined by Chapter 30.62B.140 of the Snohomish County Code.

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.

The project includes installing a welded steel water storage reservoir, approximately 70 feet in diameter by approximately 140 feet tall to provide adequate water supply to District customers. The reservoir will be installed upon a concrete footing. Access to the site will be improved with asphalt surfacing. Water valves and meters will be installed within precast concrete vaults, installed below grade. A stormwater swale and associated piping and structures are anticipated to be needed. Work to install the reservoir, vaults, stormwater structures, water and stormwater pipes, and stormwater swale will include the removal of native soils from the site.

It is expected that around 3,215 cubic yards (CY) of material will be excavated from the site. About 780 CY will be removed for grading purposes. Additionally, approximately 865 CY will be excavated to prepare for the new reservoir foundation and apron. Roughly 1,300 CY will be dug for stormwater and water trenches, while the remaining material will be extracted for various stormwater structures and water meter vaults. Of the excavated material, 700 CY of suitable material will be reused on-site as fill, with the rest transported to an approved disposal location. Around 1,050 CY of gravel will be brought in for use as a base for the asphalt surface, reservoir foundation, and backfill for the water meter vaults. Furthermore, it is estimated that around 670 CY of concrete will be needed for the reservoir foundation and apron. About 80 CY of hot mix asphalt (HMA) is expected to be imported for creating approximately 7,120 square feet (SF) of asphalt pavement for vehicular access on-site. The structural fill, concrete, and HMA will be sourced from a nearby quarry or supplier, chosen by the Contractor and approved by the Engineer after the Contractor is awarded the project.

The total area affected by the project is estimated at 58,000 SF for parcel improvements and 4,500 SF of trenching within the ROW.

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

Yes. Erosion could occur during construction when soils are exposed during earthwork activities such as trenching for new water mains; excavating for the reservoir foundation, stormwater swale, and vaults; stockpiling of materials; backfilling around pipes, vaults, and reservoir foundation; placing topsoil; and seeding.

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

For the overall 6.02-acre site, the existing site is covered with 5% impervious surface, while the proposed condition impervious surface coverage is 10%.

At the reservoir site, the existing impervious areas include an existing garage (1,100 SF) and a gravel parking driveway (2,765 SF), or a total of approximately 3,865 SF. Of the 58,000 SF project area, 7% is currently covered with impervious surfaces.

The proposed project reservoir site impervious areas include the existing garage (1,100 SF), existing gravel driveway (2,765 SF), the proposed reservoir and surrounding concrete apron (7,550 SF), and HMA driveway (7,120 SF), for a total of 18,535 SF. Of the 58,000 SF project area, 32% is proposed to be covered with impervious surfaces.

It is noted that the existing and proposed impervious areas stated above only account for the proposed development within 58,000 SF or 1.33 acres of the overall 6.02-acre parcel. Large portions of the parcel will remain undeveloped.

The new water main proposed to be installed along 150th ST NE will be installed within the existing gravel ROW; no added impervious area is proposed in the ROW.

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

Temporary Erosion and Sediment Control (TESC) best management practices (BMPs) will include a stabilized construction entrance, silt fencing, straw wattles, rock check dams, storm drain inlet protection, and temporary and permanent hydroseeding. These BMPs will be installed prior to construction and remain in place until the site is stabilized. BMPs will meet the requirements of the 2021 Snohomish County Drainage Manual. Earthwork activities are proposed to occur during the drier summer months and work areas minimized to the extent practical to avoid the chance for erosion to occur.

2. 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.

During construction, some increase in dust and vehicle exhaust is anticipated from construction activities. No effects on air quality are anticipated to be caused by the completed project.

Short term direct emissions from vehicles and construction equipment will occur during the construction phase of the project. 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: 14 metric tons
• Methane: 1 kilogram
• Nitrous oxide: 1 kilogram
• Total combined in CO2 equivalents: 171 metric tons

Long term emissions for the completed project are expected primarily from vehicles used by visitors to the facility.

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.

The Puget Sound Clean Air Agency has established local ambient air standards for six criteria air pollutants and the Agency monitors and reports on these air quality observations annually. These criteria air pollutants are:

• Particulate Matter (10 micrometers and 2.5 micrometers in diameter)
• Ozone
• Nitrogen Dioxide
• Carbon Monoxide
• Sulfur Dioxide
• Lead

Efforts to address air quality in the region have successfully achieved attainment for several of the criteria pollutants however observation sites in King, Pierce and Snohomish counties continue to exceed the Puget Sound Clean Air Agency local PM2.5 health goal for fine particulate matter. Observations at sites monitoring ozone indicate ozone levels remain a concern in the region. Carbon dioxide and methane are additional emissions of interest associated with climate change with the potential to affect weather conditions in the Snohomish County region.

Potential impacts in the Pacific Northwest due to climate change have been assessed through the National Oceanic and Atmospheric Administration U.S. Global change Research Program and summarized in the 2017 report titled "Climate Science Special Report: Fourth National Climate Assessment, Volume 1." The projected changes include declining springtime snowpack, reduced summer stream flows, warmer water temperatures, higher ambient temperatures and rising sea levels. Such changes could result in reduced water supplies, and thus the need to seek new sources or methods to meet future water demand

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

Dust during construction will be controlled through wetting the construction area and driveway when necessary. This is anticipated to be accomplished using a sprinkler system or water truck.

PUD No. 1 of Snohomish County has adopted a Climate Change Policy providing both strategies and guidance for addressing and supporting planning and operational changes with the goal to reduce greenhouse gas emissions from

non-generation related activities and improve the energy efficiency of generation, transmission, distribution, and administrative facilities. Total utility greenhouse gas emissions inclusive of all District operations are also calculated and reported annually to the US Energy Information Agency under the 1605 (b) reporting program and this process is expected to continue.

In addition, the PUD continuously monitors and evaluates weather events and projected climate conditions in order to address operational needs and for resource availability and conservation planning considerations. Both short term actions to address immediate weather conditions and longer term planning to address seasonal changes in hydrologic conditions will continue to be implemented.

In regard to the proposed project, all passenger vehicles and construction related equipment are and will be properly maintained and will comply with applicable emission control devices and federal and state air quality regulations for exhaust pipe emissions. Operational measures to increase fuel efficiency and reduce fuel related emissions will be applied when practicable and attainable at reasonable cost. Idling of combustion engines will be minimized and equipment will be turned off when applicable.

3. 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.

A Critical Area Technical Memorandum was prepared for the project (Wetland Resources Inc., 2023). The report identified four wetlands (Wetlands A-D) and two streams (Streams A and B) within an approximate 500 feet study area around the project site.

According to the report, Wetland A is a large depressional wetland that extends onto the southwestern subject property corner. The wetland drains north into a culvert under 150th ST NE and acts as a headwater wetland to Stream A. Wetland A is a Category II wetland with a standard buffer of 225 feet. Wetland B, C, and D are located outside of the property boundary. Wetland B, located northwest of the 150th ST NE and Burn Road intersection, is a Category II wetland with a standard buffer of 110 feet. Wetland C, located east of Burn Road in the vicinity of 148th ST NE and 150th ST NE, is a Category I wetland with a standard buffer of 225 feet. Wetland D, located northwest of the intersection of 148th ST NE and Burn Road, is a Category II wetland with a standard buffer of 110 feet.

Stream A originates on the north side of 150th ST NE and provides an outlet for Wetland A. Stream A flows north and then east, eventually draining into the South Fork Stillaguamish River. Stream B originates from Wetland C and flows south ultimately draining into the South Fork Stillaguamish River.

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.

The project will require work within 200 feet of Wetland A. See the Critical Area Technical Memorandum (WRI., 2023) for a map of the site. As allowed by Snohomish County Code 30.62A.320(1)(f)(ii) the standard 225-foot buffer is proposed to be reduced by 15% to 191.25 feet by installing split-rail fencing along the proposed buffer. No permanent disturbance to buffer area is proposed.

Temporarily disturbed areas in the buffer area will be replanted with grass. Soil within areas to be seeded will be amended with compost prior to hydroseeding. Straw mulch will be applied to seeded areas to reduce erosion potential until grass becomes established and promotes seed germination. Temporary impacts will be avoided to the greatest extent practicable.

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. No work is proposed to be completed in surface waters or wetlands.

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.

Water used to test and disinfect water mains will be dechlorinated or flushed into tanker trucks and disposed of in a suitable sanitary sewer system or treated with Vitamin C prior to discharge. No water containing elevated levels of chlorine (above standard drinking water levels) will be discharged to the environment.

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.

No waste material will be discharged into the ground.

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 from the existing impervious area will be directed north towards the gravel driveway and vegetated areas around the building for dispersion.

Stormwater from the proposed reservoir roof and a portion of the concrete apron will be routed to a dispersion trench where it will infiltrate or disperse towards Wetland A.

Stormwater for the eastern portion of the proposed apron and new asphalt driveway will be filtered through a stormwater biofiltration swale on the west side of the asphalt driveway, and then collected via catch basins and stormwater pipes, and then discharged into a new swale that will connect with the existing roadside ditch along 150th ST NE. Flow from the existing ditch is routed through wetlands and discharges into Stream B (WRI, 2023). The stream continues south adjacent to Burn Road before draining into the South Fork Stillaguamish River approximately 3.5 miles downstream of the property. The entire project area is mapped as being within the Lower South Fork Stillaguamish River subbasin of the Stillaguamish watershed, Water Inventory Resources Area (WRIA) 5.

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

None anticipated.

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

No.

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

Potential impacts to surface waters during construction above will be avoided by implementing TESC BMPs, such as silt fencing, straw wattles, stabilized construction entrances, backfilling of trenched areas daily, minimizing work areas, gravel surfacing, and temporary and permanent seeding. Grading activities are proposed to be completed during dry weather construction time periods, to the extent practicable. A stormwater swale will also be implemented to collect and convey runoff during and after construction. BMPs for erosion and sedimentation control will follow the 2021 Snohomish County Drainage Manual.

4. Plants

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

__X__ deciduous tree: alder, maple, aspen, other

__X__ evergreen tree: fir, cedar, pine, other

__X__ shrubs

__X__ grass

_____ pasture

_____ crop or grain

____ orchards, vineyards or other permanent crops.

__X__ 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?

It is anticipated that the vegetation to be removed includes grass, shrubs, and trees. Vegetation within the footprint of the proposed tank will be stripped and hauled away from the project site. Disturbed areas will be restored with vegetation after the construction is complete. Restoration of removed vegetation is considered a temporary impact as defined in SCC 30.62A.320(3)(d) because pre-disturbance conditions will be restored in one growing season or less.

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:

Site restoration includes revegetating disturbed areas with native grass seeding.

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

The Critical Areas Study (WRI, 2023) found no noxious weeds or invasive plant species.

5. 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, songbirds, barred owl, other.
Mammals: deer, bear, beaver, other.

Fish: none.

According to the Archaeological Survey report (ERCI 2023), the area is likely supported by a wide variety or large and small mammals such as birds, mammals, reptiles, and amphibians.

- **Birds: hawks, songbirds, etc.**
- **Mammals: Bears, deer, otters, beavers, foxes, etc.**

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

None known.

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

This site is part of the Pacific Flyway route that spans about 4,000 miles north-to-south, from Alaska to Patagonia and about 1,000 miles east-to-west.

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

None. It is not anticipated that the project will interfere with wildlife on or near the site.

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

None known.

6. 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.

Electricity will be used to operate monitoring and control equipment such as pressure transducers and actuated valves.

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

No.

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:

This project will increase the water system storage capacity. There are no major opportunities to implement energy saving features.

7. 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.

None.

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

No current or previous contamination of the site is 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.

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.

Construction equipment will operate using gas, diesel fuel, and hydraulic fluids. During construction of the steel reservoir, it will be painted (coated) on site. During the coating process, a tent will be placed around the reservoir to contain the work area. Following construction, no toxic or hazardous chemicals will be stored, used, or produced on site.

4) Describe special emergency services that might be required.

None anticipated.

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

A Construction SWPPP has been prepared for the project (BHC, 2025) and will be kept up to date during construction. The Contractor will be required to prepare and follow a Spill Prevention, Control, and Countermeasures (SPCC) Plan which will identify potential hazards and BMPs needed to address them.

Vehicles will be inspected routinely and observed drips or leaks will be addressed as soon as possible after they are found.

b. Noise

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

None. This site is in a remote, rural area.

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.

During the construction phase, the project would generate varying levels of construction noise during the day (generally from 7:30 am to 4:30 pm weekdays) from equipment such as diesel trucks, excavators, backhoes, cranes, and welding equipment.

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

Restriction of the hours of operation to weekday construction. Weekend and evening work is not anticipated.

8. 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.

The one-story garage building on the existing site is currently used to store spare water system parts that the District may need to make repairs to the water system in the vicinity of the project. The remaining parcel and adjacent properties are predominantly 5-acre rural residential.

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

No.

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.

c. Describe any structures on the site.

There is currently a one-story garage building on site that is being used by the District as storage.

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

No.

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

R-5 (Rural 5-acre)

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

Rural residential-5 (1 dwelling unit per 5+ acres)

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

Not applicable.

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

Yes, there is a wetland and wetland buffer on the north portion of this site. No work within critical areas is proposed and critical areas will not be affected during or after construction. Wetland A's buffer will be reduced to 191.25 feet from 225 feet as allowed by SCC 30.62A.320(1)(f)(ii), but no permanent disturbance to buffer area is proposed. Refer to the Critical Area Technical Memorandum (WRI, 2023) for more information.

l. Approximately how many people would reside or work in the completed project?

None. The site would be periodically visited by the District for operation, maintenance, and repair.

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

None.

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

Not applicable.

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

The proposed project is intended to increase the level of water service to the existing community as described in the Snohomish County PUD Water System Plan (Murray Smith, 2022) by improving the reliability, efficiency, and fire flows of the existing water system.

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

None, not applicable.

9. 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:

None.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is

the principal exterior building material(s) proposed?

The proposed reservoir will have an outside wall height of approximately 140 feet tall from the existing ground surface.

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

None.

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

The reservoir will be painted to blend into the surrounding landscape.

11. Light and Glare

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

An aviation beacon will be installed on the top of the proposed 140-foot reservoir.

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

No. Interference with existing views is not anticipated. The surrounding area is presently screened with existing vegetation. The steel reservoir will be painted using a natural color to blend with the surrounding vegetation to minimize potential visual impacts.

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

None. Proposed measures to reduce or control light and glare impacts, if any:

Existing screening vegetation will be left undisturbed around to the easement area. The steel reservoir will be painted to blend in with the surrounding vegetation.

12. Recreation

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

The project is located in a rural residential neighborhood. There is a small alpaca farm adjacent to the site as well as a wildlife care center located south of the site.

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

No.

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

None. The project would not impact recreation opportunities.

13. 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.

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. A historic and cultural resources review was completed, and a report was prepared, entitled Archaeological Survey Report: Snohomish County Public Utility District No. 1 Burn Road Water Reservoir Project, Washington (ERCI, 2023). The report concluded that no cultural or historic resources were identified on or next to the site. The report recommends that the proposed project proceed as planned with an Inadvertent Discoveries Protocol (IDP).

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.

The Archaeological Survey Report (ERCI, 2023) used best-practice archeological survey techniques through extensive research and field work. An archeological survey was completed that included pedestrian survey and subsurface shovel testing with twenty-two shovel tests (STs).

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.

Both the Stillaguamish Tribes of Indians and the Tulalip Tribes require the District to inform them of the construction schedule and give regular updates during construction. The Contractor will be required to follow the IDP.

14. 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.

Access to the site is from a private road from 150th ST NE.

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. This is a rural area not currently served by Public Transportation. The nearest transit stop is approximately 4.5 miles from the site.

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. New roads or road improvements will not be required as a part of this project.

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?

None. The completed project will be periodically visited by District staff to operate and maintain the water system.

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.

15. 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.

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

None. The proposed project will provide improved water service and fire protection for the nearby area.

16. Utilities

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

Electricity, water, and telephone are currently available at the project site.

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.

Proposed utilities include an electrical service to meters, transducers, and communications systems that are owned and operated by the District. The project includes a stormwater management system for the site improvements that will be owned and operated by the District.

C. 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: Andrew M. Sics

Name of Signee: Andrew M. Sics

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

Date Submitted: 7-9-2025