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 environment. The purpose of this checklist is to provide information to help the Responsible Official of the Public Utility District No. 1 of Snohomish County (the District), and any other agencies with jurisdiction, to identify impacts from a proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the District decide whether an EIS is required.

A. BACKGROUND

1. Name of proposed project, if applicable:

   SR 530 Control Zone Oso to Fortson Pole Replacement Project

2. Name of applicant:

   Public Utility District No. 1 of Snohomish County (District)

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
   Contact Person: Daniel Luu, (425) 783-4174

4. Date checklist prepared:

   June 23, 2021

5. Agency Requesting Checklist:

   Public Utility District No. 1 of Snohomish County

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

   Construction is anticipated to begin in Summer 2022 and continue for approximately 8 to 9 months.

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

   There are no future plans or additions pertaining to the pole replacement project. However, the distribution line will continue to be maintained as needed and the District continually assesses the needs for line
modification/addition depending on planned actions and anticipation of operational needs.

On-going maintenance to District distribution lines within the SR 530 Control Zone project area include maintenance and upkeep procedures for poles; lines; stormwater system elements; underground conduit and vaults; site access driveways; fencing and other appurtenances as needed to maintain the facilities and preserve electrical system reliability. This will include necessary vegetation management, upgrades in capacity, and other routine utility repair or maintenance along the lines, in facility vicinities and along utility corridors.

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

- Critical Areas Report, Oso to Fortson Pole Replacement Project, Snohomish County, Washington. Prepared for Snohomish County Public Utilities District Number 1 (GeoEngineers, dated January 3, 2022)

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 other applications are known.

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

Public Utility District No. 1 of Snohomish County
SEPA Checklist and Threshold Determination

Snohomish County
Shoreline Substantial Development Permit
Land Disturbing Activity Permit
Flood Hazard Permit
Right-of-Way Use Permit

Washington State Department of Ecology
Construction Stormwater General Permit

Washington State Department of Fish and Wildlife
Hydraulic Project Approval
Washington State Department of Natural Resources  
Aquatic Use Authorization

Washington State Department of Transportation  
Right-of-Way Use Permit

United States Army Corps of Engineers  
Nationwide Permit 12

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 primary purpose of the project is to comply with the Washington State Department of Transportation’s (WSDOT) mandated safety control zone which is intended to reduce the number of car-pole accidents along state highways, such as State Route (SR) 530.

In order to comply with WSDOT mandated safety policies, the District is planning to replace selected poles that support an existing electrical distribution line along SR 530 between the towns of Fortson and Oso in Snohomish County. The District is proposing to install two new poles and replace 157 of the existing 250 poles and approximately 6 miles of overhead conductor lines along the 10-mile-long project corridor.

The existing wooden poles to be replaced vary from 40 feet to 50 feet in height and many have exceeded their design lifespan or otherwise need to be replaced. The replacement poles are being relocated to meet safety standards and will consist of wood, fiberglass and ductile iron that ranges from 50 feet to 60 feet in height. The poles to be removed will be disposed of at a jurisdictionally approved facility. New poles and existing poles that require work are shown on Figures 1 through 23 of the project critical areas study. The project also includes detaching line cable over the Boulder River, Little French Creek, Fortson Creek and five small unnamed streams crossing, with the line cable then reattached after pole replacement. The wire will be detached from equipment stationed on both sides of the waterbody. Wire will not be allowed to touch the water surface and there will be no equipment below the ordinary high water mark (OHWM) of the waterbodies. Vegetation along the waterbodies will not be impacted during the removal of the old wire from across the streams.

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.
In general, the project is located within the North Fork Stillaguamish River valley between Oso and Fortson. The project is divided into two sections. The first section begins at 22110 SR 530 NE, continuing approximately 4 miles to 28020 SR 530 NE. The second section begins at 29724 SR 530 NE and continues east along SR 530 for approximately 5.5 miles to 38504 SR 530 NE. The project corridor is located within the following section, townships and ranges:

- Township 32 North Range 07 East, Sections 8, 9, 10, 11 and 12;
- Township 32 North Range 08 East, Sections 7, 8, 9, 10, 11, 12 and 13; and
- Township 32 North Range 09 East, Section 7.

![Vicinity Map]

B. ENVIRONMENTAL ELEMENTS

1. Earth
   a. General description of the site

The project will be located within the developed and maintained SR 530 right-of-way. SR 530 between Fortson to Oso is a two-lane highway that provides east/west travel in the Stillaguamish Valley and generally parallels the North Fork Stillaguamish River. The right-of-way outside of the road prism typically contains a ditch, connections to local roadway and private driveways and other alterations to the landscape associated with transportation and public utilities.
b. What is the steepest slope on the site (approximate percent slope)?

LiDAR data (DNR 2020¹) indicate, and our observations confirm, several areas within and adjacent to the project corridor that are steeper than 33 percent. Most of these areas are associated with the hillslopes located to the south and situated above the project corridor. Steep slopes also occur within several ravines containing streams that cross the project corridor. Poles XD-431X, XD-458 and XD-463 are located on the engineered SR 530 road prism within areas with approximately 40 percent slope (the steepest slope on site).

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.

The majority of the poles will be placed in road fill or adjacent areas that have been previously altered. Because of the length of the project corridor, soil conditions vary greatly, but unaltered soils are mostly characterized by silt and sand whereas compacted gravel and engineered soils characterize the altered soils.

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

Snohomish County maps extensive known landslides and landslide hazard areas within the project corridor and on the slopes above or below the corridor. The bullet points below summarize poles located within or near designated landslide hazard areas.

Poles Within Mapped Landslide Hazard Area: PLI#112889, XD-349, XD-359, XD-428, XD-463


Poles Within 200 ft of Mapped Landslide Hazard Area: New PRI pole across street from XD-332, PLI#112022, PLI#112752, PLI#123186, PLI#160414, PLI#187622, XD-311, XD-313, XD-318, XD-320, XD-324, XD-325, XD-327, XD-


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.

Earth work will be limited to auguring in the new distribution poles and backfilling. A total of 157 poles will be replaced and will involve earthwork. It is estimated that there will be approximately 318 square feet disturbed from earthwork based on the 157 poles to be installed (each pole installation area is approximate 2 square feet). Each pole’s augured hole is approximately 7 feet deep for a total of approximately 130 cubic yards of excavation. Fill material is mostly the new pole; imported gravel backfill will be used to fill in void spaces.

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

Construction activities typically increase the potential for erosion; however, ground disturbance is limited to the footprint of the existing and new poles. In some locations ground disturbance may occur where temporary access or work pads are required that may present a short-term risk of erosion.

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

Less than 200 square feet of impervious surface will be added in the form of new poles. Approximately the same amount of existing square feet will be eliminated as the old poles will be removed.

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

The District will develop a Stormwater Pollution Prevention Plan (SWPPP) for the project.

Potential stormwater, erosion and sediment impacts during construction will be addressed using best management practices (BMPs) that are detailed in but not limited to the SWPPP. These include but are not limited to erosion control barriers (i.e., silt fence, mulching and other temporary ground covers). Timely restoration of the disturbed surface will further reduce erosion potentials. Project construction will generally be limited to the dry seasons (anticipated to include the summers of 2022 and 2023) minimize potential erosion and sedimentation related impacts. However, poles and project construction where erosion, sedimentation and stormwater impacts are not a concern may be addressed at other times as possible and prioritized by the construction contractor. The contractor will monitor and review the use and maintenance of BMPs throughout construction activities. Following construction, all disturbed areas will be permanently stabilized using approved BMPs including but not limited to
seeding with a native seed mix and/or mulching.

2. Air
   a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

   Sources of emissions during construction include fugitive dust and construction equipment exhaust. Fugitive dust will be limited, because much of the adjacent surfaces are paved. The quantities of emissions generated and transported off-site from the construction corridor will depend upon wind and weather conditions but are anticipated to be minor and of short duration. Odors from construction materials may occur and engine exhaust will be present during construction.

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

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Carbon dioxide</td>
<td>95.25 metric tons</td>
</tr>
<tr>
<td>Methane</td>
<td>1.33 kilograms</td>
</tr>
<tr>
<td>Nitrous oxide</td>
<td>3.01 kilograms</td>
</tr>
<tr>
<td>Total combined in CO2 equivalents</td>
<td>96.18 metric tons</td>
</tr>
</tbody>
</table>

   Long term emissions for the completed project are expected to remain consistent with existing emissions resulting from daily operations. These include emissions that may be associated with routine maintenance and/or repair of the completed project.

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

   Off-site emissions sources and climate change may have the potential to affect the proposal.

   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:

Standard emission control devices, in conformance with federal and state air quality standards will be utilized during construction. Dust control BMPs, including wetting of exposed soil surfaces and/or use of approved soil tackifiers, will be implemented as needed by the contractor to limit dust-generating sources. Efficient construction practices and timely restoration of areas of temporary disturbance will further reduce dust-generating sources.

The District has adopted a Climate Change Policy providing guidance to address planning and operational changes necessary to reduce greenhouse gas emissions from non-generation related activities. A secondary goal is to improve the energy efficiency of generation, transmission, distribution and administrative facilities. Total utility greenhouse gas emissions inclusive of all District operations are calculated and tracked annually and this process is expected to continue.

Regarding the proposed project, all passenger vehicles and construction related vehicles and 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.

Erosion control and dust control measures will be addressed as needed. BMPs to limit deposition of soil on roadways will be implemented and active dust suppression measures will be evaluated and applied as necessary.

Dust during construction will also be controlled through street sweeping and wetting the construction area during dry weather.

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.

The project corridor crosses or parallels 15 streams along the project corridor. Four of these streams are relatively small channels that cross the SR 530 roadway via culverts. Six streams are mapped as fish bearing and while Deer Creek, Montague Creek, French Creek, the North Fork of the Stillaguamish River and the Boulder River are designated as Shorelines of the State.

A total of 23 wetlands were identified within or adjacent to the work areas along the project corridor. Three wetlands were rated as category I, fifteen rated as category II, and 5 as category III according to Washington State Department of Ecology most current rating system. Further details regarding the streams and wetlands are provided in the Project’s Critical Area Study (GecEngineers, 2022).

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 proposed project does not include work within streams although the distribution lines cross over the streams. As part of this project existing conductor wire will be accessed from over Stream 2, Stream 3, Stream 4, Stream 7, the Boulder River, Little French Creek, Fortson Creek and Stream 8. The wire will be accessed and detached using equipment stationed on both sides of the waterbody. Wire will not be allowed to touch the water surface and there will be no equipment below the OHWM of the waterbodies. Vegetation along the waterbodies will not be impacted during the removal of the old wire from across the streams; however, some vegetation adjacent to streams and within stream buffers will be disturbed during the installation or removal of nearby poles.

Pole installation, tree removal, vegetation brushing, and tree trimming will also result in both permanent and temporary impacts to wetlands and wetland buffers. Three poles will be installed within wetlands causing approximately 6,000 sq. ft. of temporary impacts and 6 sq. ft. of permanent impacts. Thirteen poles will be installed within stream buffers, 23 poles will be installed within wetland buffers, and 4 poles will be installed in overlapping wetland/stream buffers, causing approximately 46,500 sq. ft. of temporary impacts and approximately 560 sq. ft. of permanent impacts. Temporary and permanent impacts are summarized in the Project’s Critical Area Report (GeoEngineers, 2022). The District will perform routine vegetation maintenance, where needed, consistent with their existing vegetation maintenance program.

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.
Cumulatively, approximately 2 to 3 cubic yards of material will be placed at the three pole locations within Wetlands O, II, and PP. The bulk of the fill volume is the pole itself.

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

**The project will not require surface water withdrawals or diversions.**

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

**Ten poles are located within FEMA mapped Zone A floodplain. New utility lines per the project plan set and Figures 1 through 23 of the project critical areas report will also cross over, but not within areas designated as Zone A floodplain. Zone A floodplain are areas subject to inundation by the 1 percent annual flood event. For more information see Figures 1 through 23 of the project critical areas report.**

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.

**This project does not involve the discharge of waste materials to surface waters.**

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 groundwater will be withdrawn as part of this project.**

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial waste materials, agricultural wastes; 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.

**The proposed project will not result in the discharge of waste material into the ground.**

c. Water Runoff (including storm water):

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.
The project will result in no new pollution generating impervious surfaces and no stormwater collection and conveyances are proposed.

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

It is not anticipated that waste materials will enter ground or surface waters.

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

It is not anticipated that the project will affect drainage patterns in the vicinity of the site.

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

The PUD will develop a SWPPP to manage temporary stormwater impacts during construction of the project

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
   X pasture
   X crop or grain
   X orchards, vineyards or other permanent crops
   X wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
   X water plants: water lily, eelgrass, milfoil, other
   X other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Vegetation impacts due to pole relocations and transmission wire installation can be divided into two categories: permanent impacts due to tree removal and temporary impacts related to tree trimming and shrub/emergent brushing. There will be approximately 3,181 square feet of
permanent impacts and 247,049 square feet of temporary impacts to vegetation across the entire project corridor.

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

No threatened or endangered plant species are reported on the Washington Department of Fish and Wildlife’s Priority Habitats and Species database on or along the corridor.

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

Temporarily disturbed areas within stream and wetland buffers will be stabilized and restored with native vegetation following construction. Outside of stream and wetland buffers, temporarily disturbed areas will be revegetated with similar type and species as removed. Where appropriate native species will be used.

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

- Himalayan blackberry (*Rubus armeniacus*)
- Reed canary grass (*Phalaris arundinacea*)

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.

Examples include:

Birds: hawk, heron, eagle, songbirds, other:

Mammals: deer, bear, elk, beaver, other:

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

- Invertebrates: None observed in significant quantities, assume typical species and individuals of invertebrates are within project area.

- Fish: Resident and anadromous fish are located in the fish-bearing streams along the project corridor, including but not limited to:
  - Coho (Oncorhynchus kisutch)
  - Cutthroat (Oncorhynchus clarkii)
  - Dolly Varden/bull trout (Salvelinus malma)
  - Steelhead (Oncorhynchus mykiss)
  - Pink (Oncorhynchus gorbuscha)
  - Chinook (Oncorhynchus tshawytscha)
  - Chum (Oncorhynchus keta)
  - Rainbow trout (Oncorhynchus mykiss)
- Sockeye (Oncorhynchus nerka)
- Amphibians: Frogs and salamanders
- Reptiles: typical snakes, lizards found in Puget Sound River valley.
- Birds: Passerine bird species. Raptors such as hawks and eagles are expected to fly over the corridor.
- Mammals: None observed during the field work but would expect typical species in the area including but not limited to the following: coyotes, fox, rats, mice, voles, opossum, beaver, raccoon and deer.

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

Chinook Salmon, Bull Trout and steelhead are known to inhabit some of the streams near the project corridor. Marbled murrelets (Brachyramphus marmoratus) and northern spotted owls (Strix occidentalis caurina) may be located adjacent to the project area since mapped critical habitat is located adjacent to, but not within the project corridor.

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

The project corridor itself is not a migratory route. The project crosses streams that are parts of migratory routes for anadromous salmonids and Puget Sound is all part of the Pacific Flyway.

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

The project was reviewed for consistency with recommendations outlined in the District's Avian Protection Study (March 2017). The report specifically identified a single pole for modification to prevent avian electrocution and/or collisions. The pole will be fitted with cutout covers and reconfigured per the direction of the avian protection study as part of this project proposal.

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

Invasive animal species known to occur in the immediate project vicinity include Eurasian starlings (Sturnus vulgaris), English sparrows (Passer domesticus), and Norway rats (Rattus norvegicus).

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.

Small amounts of electrical energy will be used to operate the equipment and for lighting the station when needed.
The proposed pole relocation project is to conduct relocation and maintenance actions on an electrical distribution system that will improve the reliability of existing electrical distribution service by reducing the likelihood of car-pole accidents.

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

The project will not affect the use of solar energy by adjacent properties.

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:

The District provides an array of services and programs to encourage energy conservation and efficient use of energy. Current energy conservation standards are incorporated into District construction projects.

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.

The proposed relocation of electrical distribution poles will not create any known environmental health hazards. District facilities, including electrical distribution lines, are designed, constructed and operated in accordance with all applicable federal, state, and local regulations and safety codes. And, the District constructs and operates its electrical system in compliance with all applicable public safety standards.

There is a present and future potential electrical hazard associated with distribution lines in general, and transformer oil (mineral insulating oil) and capacitor fluid is present within equipment located along the utility line route.

The District tracks and monitors all substances regulated under the federal Emergency Planning and Community Right-to-Know Act, Section 312. The amounts and locations of these materials are reported annually to the Washington State Emergency Response Commission, the Snohomish County Department of Emergency Management, and to the Snohomish Regional Fire and Rescue Department.

Electric fields and magnetic fields (EMF) are associated with every power delivery system and electrical device. Possible effects upon human health from electric and magnetic fields continue to be investigated, with emphasis directed primarily at magnetic fields. The District looks to the research community for guidance and continues to monitor the research for definitive answers concerning EMF and human health. Current research findings are inconclusive. There are no established or known
levels of human exposure to power line magnetic fields which have been determined to be harmful. Neither Washington State nor the Federal government regulates exposure to EMF.

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

None known. Potential contamination within the project site includes minor petroleum and hydrocarbon contamination associated with a state route transportation corridor and/or minor natural gas contamination associated with buried utilities in a right-of-way. There is no known contamination at the proposed pole relocation areas.

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.

There are no known existing hazardous chemicals or conditions that would affect the project.

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.

Gasoline and diesel will be used and potentially stored on site during project construction. No toxic or hazardous chemicals will be stored or used on site after project completion.

4) Describe special emergency services that might be required.

The potential exists for a gasoline explosion and diesel and gasoline spills from equipment during construction. The possibility of an explosion is very remote provided the contractor follows state safety rules. A diesel or gasoline spill could occur during equipment refueling or operation. If a spill were to occur the contractor would be required to immediately contain the spill and implement appropriate cleanup procedures.

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

The project has been proposed to mitigate for traffic risk along the SR 530 corridor. The risk associated with traffic complications has been seriously considered and mitigated for through project design and construction timing. Construction crews will utilize signage and trained flagging crews to minimize the environmental health hazard associated with traffic risk.

b. Noise:

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

There is vehicular traffic noise associated with the project corridor and industrial/agricultural noise associated with adjacent land use in limited areas.

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.

A short-term increase in noise will result from construction activities which will include the use of heavy equipment. Construction will be generally confined to normal daytime weekday hours, with the possibility of some work on Saturdays and some night work to minimize traffic impacts. Operation of the project will not generate long-term noise impacts.

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

Mufflers and appropriate mechanical noise control devices will be used in association with use of mechanical equipment during project construction.

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 project is located adjacent to the SR 530 right-of-way which is heavily used and is a highly disturbed traffic and utility corridor. Adjacent land use is rural residential and agricultural. The proposal will not affect current land uses on adjacent properties.

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. The project is generally within the public right-of-way. The majority of adjacent land use is agricultural.

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.

The right-of-way contains the existing District electrical distribution lines and poles, roadways and other utilities.

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

A total of 157 existing distribution poles will be removed and replaced.

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

Properties along the project corridor are zoned Agriculture – 10-acre (A-10), Rural Residential 5-acre (R-5), and Rural Diversification (RD).

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

Riverway Commercial Farmland (RCF), Rural Residential (1 DU/5 acres and Basic), Commercial Forest.

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

Resource and Rural Conservancy.

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

Yes. Twenty-three wetlands and 15 streams are located in the vicinity of project work along the corridor. These sensitive areas are described in the Critical Area Report for the project (GeoEngineers 2022).

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

The distribution lines will be visited on a routine basis for maintenance and inspection; no personnel will work full time at the site.

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 existing land use of the area is not changing; this is a maintenance project. The proposed project is designed to be consistent with Snohomish Critical Area requirements. The project will increase service reliability for existing electrical customers. No measures are proposed.

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

None.

9. Housing

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

No housing units provided.

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

No housing units will be eliminated.

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 replacement poles will be wood, fiberglass, and ductile iron, ranging from 50 feet to 60 feet in height.

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

In general, the replacement poles will be installed in the immediate vicinity of the existing poles and no views will be substantially altered.

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

New and replaced poles will generally be placed in a vicinity as close as possible to existing poles and will, therefore, not impact or modify line
route aesthetics. The existing distribution poles will be removed, and the hole filled with imported gravel backfill.

11. Light and Glare

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

No new lighting is associated with the pole relocation project and glare is not anticipated.

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:

None.

12. Recreation

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

In addition to the recreational use of the Stillaguamish River and associated tributaries and water bodies for fishing and boating activities, Snohomish County's multi-use White Horse Trail which is located on the abandoned rail line and parallels SR 530 within the project corridor. The trail will not be affected by the project.

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.
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 located on or near the site? If so, specifically describe.

   The Project’s Archeological Report (ERCI, 2022) document two buildings that are listed in or eligible for listing in national, state or local preservation registers, please see the report for additional details.

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.

   The Project’s Archeological Report (ERCI, 2022) document six sites with evidence of Indian or historic use or occupation, please see the report for additional details.

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.

   ERCI researchers performed archival research of the following sources;
   • Reviewed site forms and reports of previous archaeology on file at the Department of Archaeology and Historic Preservation (DAHP) in Olympia, Washington
   • Reviewed other archaeological reports and related documents on file at the ERCI offices in Mount Vernon, Washington
   • Reviewed published information on the precontact, traditional Native American and historic land use in the Project area—as well as and the Salish Sea, the Northern Puget Sound and Puget Lowland
   • Reviewed the Snohomish County Assessor’s records
   • Reviewed General Land Office and other historic maps.

   Field work is described in detail within the archeological study conducted by ERCI for this project.

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.

   An archaeological field survey and report was completed by ERCI for the project area. This included a sensitivity model and sampling design. Coordination with regional Tribes is being conducted to ensure management of all cultural sites identified in the project area. An inadvertent discovery procedure – in the event of location of cultural resources not anticipated – will be in place as mandated by the archeological report and conditions of County and Federal permitting.

   Consistent with inadvertent discovery procedures, in the event artifacts, historical or cultural features are uncovered
inadvertently, the work will be stopped and contact made with
DAHP, tribal entities, and Snohomish County.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed
access to the existing street system. Show on site plans, if any.

The project is located in the SR 530 WSDOT right-of-way. There are no
proposed access or new roads.

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?

Community Transit operates bus service along SR 530. There are
numerous stops along the project corridor; however, the project will not
impact bus stops.

c. How many parking spaces would the completed project have? How many would
the project eliminate?

The proposed project will not provide parking spaces or eliminate parking
spaces.

d. 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 be required as part of this
project.

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

No.

f. How many vehicular trips per day would be generated by the completed
project? 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?

The proposed project will not generate additional vehicular trips.
g. 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.

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

A plan for traffic control during construction will be approved by WSDOT and Snohomish County.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

The proposed project will not increase the need for public services. The project will increase the reliability of local electrical service.

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

None.

16. Utilities

a. Underline 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.

The entire project is modification of a utility distribution line. However, no new utilities are proposed for the project corridor. See project description, Section A for more information.
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: Daniel Luu

Name of signee: Daniel Luu

Position and Agency/Organization: Distribution Engineer, Snohomish County PUD No. 1

Date Submitted: 2/3/2022