SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization, or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. **You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown.** You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to **all parts of your proposal,** even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for lead agencies

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B, plus the Supplemental Sheet for Nonproject Actions (Part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in "Part B: Environmental Elements" that do not contribute meaningfully to the analysis of the proposal.

A. Background Find help answering background questions

1. **Name of proposed project, if applicable:**

   AVO-13 FDR TW Recond 1600

2. **Name of applicant:**

   Puget Sound Energy
   Joe Pignatelli

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

   6500 Ursula Place S., Seattle, Washington 98108
   206.716.2614

4. **Date checklist prepared:**

   July 14, 2025

5. **Agency requesting checklist:**

   King County

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

   Quarter 2 or 3 of 2026. The project will not be phased.

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 plans for future additions or expansions are known at this time. PSE does conduct periodic maintenance on existing lines but no other activities are known at this time.

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

   Wetland and Stream Delineation Report

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 known applications are pending that would affect the property covered by the proposal.

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

    King County Clear and Grade Permit

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The project is a maintenance project that includes replacing poles, installing vaults and installing conduit along the project alignment. The conduit will be installed using horizontal directional drilling (HDD); a total of four bore holes are needed to facilitate the HDD between Avondale Road and 184th Avenue NE.

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.

AVO-13 FDR TW Recond 1600 project (project) is located on a portion of a PSE owned parcel at 12011 Avondale Road NE in King County, Washington. The project investigation area is located between Avondale Road NE and 184th Avenue NE, north of NE 116th Street. The project is located in Section 30 of Township 26 North, Range 06 East of the Willamette Meridian (W.M.).

B. Environmental Elements

1. Earth Find help answering earth questions

a. General description of the site:

In general, the site is located within a disturbed area that is used for small agricultural use, single family residences and the substation. The project site consists of the substation and an existing power line corridor. Topography generally slopes gently towards the wetland system located north of the project area.

Circle or highlight one: (Flat,) rolling, hilly, steep slopes, mountainous, other:

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

16 percent slope (estimated from King County iMap contours)

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.

USDA-NRCS maps the soil types as Kitsap silt loam, 2 to 8 percent slopes and Alderwood gravelly sandy loam, 8 to 15 percent slopes. The PSE property where the project will take place is not used for agricultural purposes.

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

Surface indications were not observed during the site visit and there is no known history of unstable soils.

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.

There will be 180 sq ft of ground disturbance from bore holes; 10 sq ft of disturbance from pole replacement and 120 sq ft from vault installation. About 159 sq ft of ground disturbance will be in wetland buffer (from bore holes). It is anticipated there will be approximately 90 cubic yards of material to be excavated.

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

There could be a temporary increase in erosion as soil is disturbed and stockpiled during construction.

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

The vaults will cause an increase of 120 sq ft of impervious surfaces. No additional impervious cover will be generated as a result of this project.

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

Temporary erosion and sedimentation (TESC) best management practices (BMPs) will be installed to prevent erosion and sedimentation, such as a stabilized construction entrance, perimeter silt fence and stockpile covering.

2. Air Find help answering air questions

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Construction activities may temporarily generate small amounts of fugitive dust emissions from excavation, bare soil or general traffic of the vehicles used on site. Fugitive dust will be limited as much of the adjacent area is paved. This increase in activity also may temporarily generate carbon dioxide (CO2) emissions from the vehicles and machinery used during construction.

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

There are no off-site sources of emissions that will affect the proposed project.

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 BMP's, 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.

3. Water Find help answering water questions

a. Surface Water: Find help answering surface water questions

1. **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

   One wetland (Wetland A) north of the project was identified. No other wetlands or streams were identified during the site visit.

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 work adjacent to Wetland A. Four bore holes will be located within buffer habitat south of the wetland. These areas are dominated by herbaceous grasses and will be restored to as close as possible pre-project conditions once project work has been completed.

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.**

   No fill or dredge materials will be placed or removed from Wetland A

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

   There are no plans for surface water withdrawals or diversions as part of this proposal.

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

   While a portion of the parcel does lie within the 100-year floodplain, the proposed project is NOT located in the 100 year floodplain.

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.**

The proposal does not involve discharges of waste materials to surface waters.

b. Ground Water: Find help answering ground water questions

1. **Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give a general description, purpose, and approximate quantities if known.**

No 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 (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.**

This project will not result in the discharge of waste material into the ground.

c. Water Runoff (including stormwater):

a) **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.**

Sources of runoff may include, but are not limited to, stormwater runoff from precipitation during construction. This water will likely flow towards the wetland located north of the project area.

b) **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 as part of this project.

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

No, the proposed project will not alter or otherwise affect drainage patterns in the vicinity of the site.

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

PSE will develop a TESC plan to manage temporary stormwater impacts during construction of the project.

4. Plants Find help answering plants questions

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

- ☒ **deciduous tree: alder, maple, aspen, other**
- ☒ **evergreen tree: fir, cedar, pine, other**
- ☒ **shrubs**
- ☒ **grass**
- ☐ **pasture**
- ☐ **crop or grain**
- ☐ **orchards, vineyards, or other permanent crops.**
- ☒ **wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other**
- ☐ **water plants: water lily, eelgrass, milfoil, other**
- ☐ **other types of vegetation**

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

Shrubs and herbaceous vegetation will be temporarily impacted but not removed. It is estimated that approximately 310 sq ft of herbaceous and shrub vegetation will be brushed.

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

No known threatened or endangered plant species is known to be on or near the site.

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

Areas of temporary buffer disturbance (grassy areas) will be stabilized and seeded. The impacted wetland buffer will be seeded with native vegetation once the project has been completed.

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

Himalayan blackberry has been identified as non regulated noxious weeds according to the King County Noxious Weed Board; these plants are located on site. No other known noxious or invasive weeds have been identified on the project site.

5. Animals Find help answering animal questions

a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Examples include:

- **~~Birds: hawk, heron, eagle, songbirds,~~ other:**
- **~~Mammals: deer, bear, elk, beaver, other:~~**
- **Fish: bass, salmon, trout, herring, shellfish, other:**

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

No known threatened or endangered animal species is known to be on or near the site.

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

The project is within the Pacific Flyway.

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

No trees will be removed as a result of the project. Potential project impacts will be temporary and areas with disturbed ground and vegetation will be seeded and restored to as close as possible pre-project conditions.

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

No known invasive animal species are known to be on or near the site.

6. Energy and Natural Resources Find help answering energy and natural resource questions

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

   The project will improve the reliability of existing electrical distribution service; the completed project will not need additional energy.

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

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

3. **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 project does not have energy conservation features included in the proposal. No impacts to energy are anticipated therefore no measures are proposed.

7. Environmental Health Find help with answering environmental health questions

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

The proposed project will not create known environmental health hazards. PSE facilities, including electrical distribution lines, are designed, constructed, and operated in accordance with all applicable federal, state, and local regulations and safety codes.

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

   There is no known contamination at the site.

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.**

   No known existing hazardous chemicals or conditions might affect the project development or design.

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 or diesel might be stored at the site during construction and will be used during construction. However, once construction is completed there will be no known toxic or hazardous chemicals used, stored, or produced by the site.

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

   There are no special emergency services that may be required.

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

   There are no environmental health hazards anticipated as a result of the project actions and therefore, no measures are proposed.

b. Noise

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

   No existing noises will affect the proposed project.

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

   A short-term increase in noise will result from construction activities which will include the use of heavy equipment. Operations of the project will not generate long term noise impacts.

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

   Work will occur within normal working hours during regular workdays.

8. Land and Shoreline Use Find help answering land and shoreline use questions

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The project will be located on a parcel that currently has an existing substation. Adjacent land use includes single family residential, agricultural use, and roadways. The proposal will not affect current land uses on nearby or 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 because of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No, the site has not been used as working farmlands or working forest lands.

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, the project will not affect or be affected by surrounding working farm or forest land business operations.

c. Describe any structures on the site.

The existing substation and associated driveway is located on the east edge of the parcel. Other on site structures include poles and fencing.

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

The project will not demolish structures.

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

RA-2.5-P (Rural area, one DU per 2.5 acres)

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

RA-2.5-P (Rural area, one DU per 2.5 acres)

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

Not applicable, there is no Shoreline designated waterbody on the property

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

Yes, a wetland has been identified north of the project area on the project parcel. In addition, a Type F stream is mapped more than 300 feet from the proposed work area at the closest location.

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

None; people will not reside or work in the completed project. However, periodic and routine site inspections may be completed.

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

None; the project will not displace people.

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

Not applicable because the project will not displace people.

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

This is a routine maintenance project conducted to improve reliability of the existing system. New structures will consist of pull vaults only and will be placed on PSE owned property. The project will be consistent with King County code and permits

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

No impacts to agricultural or forest lands of commercial significance are anticipated; therefore, no measures are proposed.

9. Housing Find help answering housing questions

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

No housing units will be 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.

No measures proposed.

10. Aesthetics Find help answering aesthetics questions

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

The poles that will be replaced are the tallest structure; the tallest pole height is 45 feet. The poles to be installed consist of a mix of fiberglass and wood poles.

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

None, no views will be substantially altered. The poles to be installed are replacement poles.

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

There are no proposed measures to control impacts because no aesthetic impacts are anticipated to occur from the proposed project.

11. Light and Glare Find help answering light and glare questions

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

No new lighting is associated with the project. Glare is not anticipated from installed structures.

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

No, light or glare from the project is not expected to be a safety hazard or interfere with views.

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 proposed because no impacts are anticipated from light and glare.

12. Recreation Find help answering recreation questions

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

No designated recreational opportunities have been identified in the immediate vicinity of the project.

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

No, the project will no displace existing recreational uses.

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

There should be no impacts to recreation as a result of the project and therefore, no measures are proposed.

13. Historic and Cultural Preservation Find help answering historic and cultural preservation questions

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. See attachment A

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. See attachment A

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. See attachment A

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. See attachment A

14. Transportation Find help with answering transportation questions

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

The project site/parcel is accessed from Avondale Road NE. 184th Avenue NE will also likely be used to access some of the proposed work areas.

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?

According to Google maps, the closest transit stop is at Avondale Road NE and NE 116th Street which is approximately 0.3 mile 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 or improvements to roads, streets, pedestrian, bicycle, or state transportation facilities is required as part of this proposal.

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

The proposed project will not use and is not in the vicinity of water, rail or air transportation

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?

The proposed project will no generate any additional vehicular tips.

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.

The project will not interfere with, affect or be affected by the movement of agricultural or forest products.

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

No impacts are anticipated and therefore no measures are proposed.

15. Public Services Find help answering public service questions

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

The project will not result in an increased need for public services.

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

There are no measures proposed because no impacts to public services are anticipated.

16. Utilities Find help answering utilities questions

a. Circle 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.

No new utilities are proposed as part of this project.

C. Signature Find help about who should sign

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

X 

Type name of signee: Joe Pignatelli

Position and agency/organization: Municipal Land Planner - Puget Sound Energey.

Date submitted: 7/31/2025

D. Supplemental sheet for nonproject actions Find help for the nonproject actions worksheet

IT IS NOT REQUIRED to use this section for project actions.

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. **How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?**

    - **Proposed measures to avoid or reduce such increases are:**

2. **How would the proposal be likely to affect plants, animals, fish, or marine life?**

    - **Proposed measures to protect or conserve plants, animals, fish, or marine life are:**

3. **How would the proposal be likely to deplete energy or natural resources?**

    - **Proposed measures to protect or conserve energy and natural resources are:**

4. **How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection, such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?**

    - **Proposed measures to protect such resources or to avoid or reduce impacts are:**

5. **How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?**

    - **Proposed measures to avoid or reduce shoreline and land use impacts are:**

6. **How would the proposal be likely to increase demands on transportation or public services and utilities?**

    - **Proposed measures to reduce or respond to such demand(s) are:**

7. **Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.**

Attachment A

13. Historic and cultural preservation

Find help answering historic and cultural preservation questions[1]

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 properties have been recorded in the API and a total of 26 have been previously recorded within a one mile radius of the API. The closest property to a planned pole replacement, located 560 ft. away, is Bridge #52 Bear Creek, and was determined not eligible for inclusion in any registers in 2024. Of the 26, three have been determined eligible (the closest at 0.3 mile), ten have been determined not eligible, and the other thirteen have not yet been evaluated. This project will not impact any properties.

The Terhanian Farm barn, listed on the Washington Heritage Barn Register, is located 0.18 mile from the project area. The barn was part of the original Avondale community made up of the four homesteaders from Europe who claimed the area under the Homestead Act. The project will not impact the barn.

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 closest archaeological site, at 0.45 mile, includes the debris remnants of a historic farmstead belonging to John Clarence Beam. The remaining buildings of the farmstead were demolished sometime between 1990 and 2002[2]. Additionally, a historic Christian cemetery is located 0.85 mile from the project area. The project will not impact either resource.

Twelve cultural resource studies have been conducted within one mile of the project area, including one historic property survey that encompassed two of the planned pole replacements.

The project is within the traditional territory of today's Snoqualmie Indian Tribe and the Sammamish Band of the Duwamish[3]. The project is roughly 2 miles east of the Sammamish River. In 1890, William H. White was granted a patent under the original Homestead Act of 1862 and, between 1907 and 1912, is listed as the owner of the

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[1] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p

[2] McWilliams and Metz. 2016. State of Washington Archaeological Site Inventory Form. On file at the Washington State Department of Archaeology and Historic Preservation.

[3] Suttles, Wayne and Barbara Lane. 1990. Southern Coast Salish. In *Northwest Coast*, edited by Wayne Suttles, pp. 485-517. Handbook of North American Indians Vol. 7, William C. Sturtevant, general editor. Smithsonian Institution, Washington, DC.

southern half of Section 30 on historic maps by Anderson Map Company[4] and Kroll Map Company[5][6]. By the 1926 Kroll Map, the land had been subdivided to various land owners.

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.

PSE Archaeologists completed a literature review of the project area including a search of the Washington Information System for Archaeological and Architectural Data (WISAARD) database for all cultural assessment reports, archaeological records, cemetery data, and historic register data within a one-mile radius of the project area. The PSE Archaeologist reviewed the Snoqualmie[7] and Duwamish[8] Tribal websites, historical maps and aerial photographs, Bureau of Land Management databases, and other historical resources for relevant information pertaining to the project area.

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.

The project alignment is in an area of variable probability for encountering cultural resources ranging from high to moderate. The area has been logged and cultivated under the terms of the original homestead act since at least 1907. The project location is moderately populated compared to the neighboring towns of White and Avondale. The most ground disturbance, in the form of trenching, will be taking place within the substation and immediately outside the substation fence. Therefore, the PSE Archaeologist recommends that an Inadvertent Discovery Plan (IDP) be prepared in accordance with applicable regulations, including RCW 68.60, RCW 27.44, and RCW 68.50 and adopted during construction.

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[4] https://historicmapworks.com/Map/US/1250022/Page+21+++Township+26+North++Range+6+East/King+County+1907/Washington/

[5] https://historicmapworks.com/Map/US/503587/Township+26+N+Range+6+E/King+County+1912/Washington/

[6] https://glorecords.blm.gov/details/patent/default.aspx?accession=WASAA%20%20065146&docClass=SER&sid=u5lq1rcc.3jd#patentDetailsTabIndex=0

[7] https://snoqualmietribe.us/

[8] https://www.duwamishtribe.org/history