

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: [\[help\]](#)

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 [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)
West Rocky Prairie – Beaver Creek Culvert Removal
2. Name of applicant: [\[help\]](#)
Washington Department of Fish and Wildlife (WDFW)

3. Address and phone number of applicant and contact person: [\[help\]](#)
600 Capitol Way N, Olympia WA 98501; Anna Sample, WDFW Biologist (360) 902-8429

4. Date checklist prepared: [\[help\]](#)
4/23/2020

5. Agency requesting checklist: [\[help\]](#)
WDFW

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)
Project is planned to begin summer/fall of 2020.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)
No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)
None are known at this time.

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. [\[help\]](#)
None are known.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)
Anticipated permits include SEPA Checklist, WDFW Hydraulic Approval, Thurston County Critical Area Review, ACOE NWP 27, WDFW Internal Cultural Review

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

This project provides for the abandonment of two existing undersized culverts that were determined as a fish barrier on Beaver Creek where it crosses onto the West Rocky Prairie WLA Unit and intersects an interior boundary roadway. Specific elements would include:

- 1. Culvert Removal – Remove (excavate) two culverts on Beaver Creek measuring 48" X 24' and 24" X 30'. These culverts are located where Beaver Creek crosses onto the WLA Unit at an interior roadway that parallels the eastern boundary.**
- 2. Excavation of invasive Yellow-flag irises: Excavate the invasive irises downstream of culvert within the stream channel will occur. Irises within a 30 ft. distance from the road (downstream of the culvert/bridge area). The streambed will be excavated to a depth of one foot.**

3. **Removal of tree: An alder tree with close proximity to the upstream portion of the culvert will be removed during construction.**
4. **Revegetate area of disturbance with native grasses.**

Roadway Repairs – Repair roadway as necessary to ensure use by WDFW management vehicles during dry season.

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. [\[help\]](#)

**T16N R2W S12 LAT/LONG: 46.891808, -122.866417
Powder Plant Rd SE
Tenino, WA 98589 Thurston County
Parcel: 12612220000**

On I-5 Southbound, take EXIT 99. Continue .3 miles and turn LEFT onto WA-121 S/93rd Ave SW for 1.5 miles. Turn RIGHT onto Tilley Rd and continue for 5.1 miles. Turn LEFT onto 143rd Ave and continue for 1.9 miles and turn LEFT onto Powder Plant Rd. This road is gated and only accessible by WDFW Staff vehicles.

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth [\[help\]](#)

a. General description of the site: [\[help\]](#)

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

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)
0-3%

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. [\[help\]](#)
76—Norma silt loam

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)
No.

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. [\[help\]](#)

This project provides for the correction of a fish passage barrier on Beaver Creek, located within WDFW’s 800 acre West Rocky Prairie Unit of the Scatter Creek Wildlife Area (WLA) in

south-central Thurston County. Two undersized culverts that convey Beaver Creek under Powder Plant Rd are currently creating a velocity barrier to adult salmonids. This barrier is rated as '33% passable' in the WDFW fish passage database, and affects coho, winter steelhead, sea-run cutthroat, and resident trout. Additionally, the bottom of one of the two culverts is completely missing (rusted out) and at risk of collapse.

The total area of impact will be 3,607 SF, which includes excavation of 14.81 CY below OHWM and 68.17 CY above OHWM. Total fill amount will be 3 CY below OHWM and .52 CY above OHWM, for the installation of streambed sediments (3" thick, 2" minus WSDOT 9-03.11(1)) to reduce erosion. Fill material will be sourced locally. After excavation is complete, the banks of the creek will be graded to match the natural creek profile (Sheet 5).

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

Yes, erosion could occur during and after excavation activities are complete. Bare soil will be exposed during construction and could create erosion during a storm event. After excavation is complete, the newly graded stream channel will be covered with 3" of streambed material (2" minus WSDOT 9-03.11(1)) to stabilize the banks and reduce erosion.

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

The site will have no impervious surfaces.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

Erosion Control measures will be implemented prior to construction and will be maintained until the site is stable and vegetated. Stormwater BMPs will be used to avoid and lessen impacts during the removal of the culverts and regrading of the creek channels, including use of straw wattles or filter fabric fence to reduce erosion and sediment movement into the creek, if necessary.

2. Air [\[help\]](#)

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. [\[help\]](#)

Air emissions may increase slightly due to construction equipment during construction.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Standard emission control converters and mufflers will be used by construction vehicles.

3. Water [\[help\]](#)

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. [\[help\]](#)
Beaver Creek (seasonal stream) flows through the project site.

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. [\[help\]](#)

Yes, this project will require work to occur within 200 feet of Beaver Creek and below OHWM. Two existing culverts (consists of two metal pipes) will be excavated out of the streambed, then hauled and disposed of appropriately in accordance with local and state laws. The site will be graded to allow for natural flow and fish passage.

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. [\[help\]](#)

The total area of impact below OHWM will be 581 SF, which includes excavation of 14.81 CY below OHWM. Total fill amount will be 3 CY below OHWM for the installation of streambed sediments (3" thick, 2" minus WSDOT 9-03.11(1)) to reduce erosion. Fill material will be sourced locally. After excavation is complete, the banks of the creek will be graded to match the natural creek profile (Sheet 5).

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

This project will occur below OHWM when there is no water in the creek channel, during the in water work window (July 1-Sept 30). In the unlikely event water is present in the channel, fish exclusion, bypass and/or turbidity best management practices (BMPs) will be put in place and maintained for the duration of work in water. This may include use of turbidity curtain or filter fabric and/or fish block nets.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

Yes, the entire project site is located within the 100-year flood plain.

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. [\[help\]](#)

None are anticipated.

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. [\[help\]](#)

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. [\[help\]](#)

None.

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. [\[help\]](#)

Stormwater BMPs will be used to avoid and lessen impacts during the removal of the culverts and regrading of the creek channels, including use of straw wattles or filter fabric fence to reduce erosion and sediment movement into the creek, if necessary. No stormwater controls will be needed after construction is complete.

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)
After construction, only minor instances of WDFW Staff vehicles will use this site.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

The freshwater wetlands on the parcel are greatly influenced by Beaver Creek, which enters the property from the east and flows for over 1.5 miles through the Wildlife Area (WLA). Wetlands associated with Beaver Creek total ~250 acres, or 30% of the parcel. In addition to improving water flow across the WLA, the proposed project will provide increased protection of the only interior roadway that services the primary prairie management area and will reduce the potential for flooding on adjacent private property to the east. The raised interior boundary roadway on the WLA holds water back on to the adjacent private property when water flow volume exceeds the capacity of the existing culverts to move the water under the roadway.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

Any Best Management Practices necessary during construction to reduce runoff will be implemented. These may include straw wattles, straw bales, filter fence or silt fencing.

4. **Plants** [\[help\]](#)

a. Check the types of vegetation found on the site: [\[help\]](#)

X deciduous tree: **alder**, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

X 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? [\[help\]](#)

Excavation of the invasive yellow-flag irises downstream of culvert within the stream channel will occur. Irises within a 30 ft. distance from the road (downstream of the culvert/bridge area) will be removed with an excavator. The streambed will be excavated to a depth of one foot. An alder tree with close proximity to the upstream portion of the culvert will be removed during construction as well as reed canary grass and Himalayan blackberry.

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

- Golden Paintbrush (*Castilleja levisecta*) – Threatened**
- Kincaid's Lupine (*Lupinus sulphureus ssp. Kincaidii*) – Threatened**
- Nelson's Checker-mallow (*Sidalcea nelsoniana*) – Threatened**
- Water Howellia (*Howellia aquatilis*) - Threatened**

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

A revegetation plan will be implemented to re-seed the disturbed area (1,330 SF) with native prairie grass and forb species. A mix of plugs (672 total) and seed will be planted/dispersed in areas of wet prairie and dry prairie. Dry prairie species will be placed 40 ft from the creek and beyond on the remaining 1,000 SF of the impacted area. Wet prairie species will be placed in and along the 10 ft wide creek channel as well as within 50 ft of the creek on approximately 1,330 SF of the impacted area. (Shown on Sheet 6)

e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

Reed canary grass, Himalayan blackberry

5. Animals [\[help\]](#)

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. [\[help\]](#)

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. [\[help\]](#)

- Fisher (*Pekania pennanti*) – Proposed Threatened**
- Olympia Pocket Gopher (*Thomomys mazama pugetensis*) – Threatened**
- Tenino Pocket Gopher (*Thomomys mazama tumuli*) – Threatened**
- Yelm Pocket Gopher (*Thomomys mazama yelmensis*) – Threatened**

Marbled Murrelet (*Brachyramphus marmoratus*) – Threatened
Streaked Horned Lark (*Eremophila alpestris strigata*) – Threatened
Yellow-billed Cuckoo (*Coccyzus americanus*) – Threatened
Oregon Spotted Frog (*Rana pretiosa*) – Threatened
Bull Trout (*Salvelinus confluentus*) – Threatened
Taylor's Checkerspot (*Euphydryas editha taylori*) - Endangered

c. Is the site part of a migration route? If so, explain. [\[help\]](#)

This barrier (culvert) is rated as '33% passable' in the WDFW fish passage database, and affects coho, winter steelhead, sea-run cutthroat, and resident trout.

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

In addition to meeting WDFW's injunction obligations, this project provides biological and ecological value to the prairies and wetlands that are protected within West Rocky Prairie Wildlife Area (WLA). The freshwater wetlands at this site are greatly influenced by Beaver Creek, which enters the property from the east and flows for over 1.5 miles through the WLA. Wetlands associated with Beaver Creek total ~250 acres, or 30% of the site.

An important focus at the site is the management of an extant population of the Oregon Spotted Frog (Federal: threatened; State: endangered). One environmental condition that is important for optimal Oregon Spotted Frog habitat is a hydroperiod of sufficient frequency and duration to support year-round occupation, including during the breeding season. Unimpeded flow of Beaver Creek across the site is a critical driver of this hydroperiod.

In addition to improving water flow across the WLA, the proposed project will provide increased protection of the only interior roadway that services the primary prairie management area and will reduce the potential for flooding on adjacent private property to the east. The raised interior boundary roadway on the WLA holds water back on to the adjacent private property when water flow volume exceeds the capacity of the existing culverts to move the water under the roadway.

The revegetation plan will promote reestablishment of native prairie species in both dry and wet prairie habitats and discourage non-native vegetation growth. All construction will occur during the proposed work windows authorized by required federal and local permits and required permit conditions to protect fish and terrestrial species.

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

None.

6. Energy and Natural Resources [\[help\]](#)

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. [\[help\]](#)

None.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

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: [\[help\]](#)

None are proposed.

7. **Environmental Health** [\[help\]](#)

- 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. [\[help\]](#)

There is possible risk of fuel or vehicle/machinery fluid spills or leaks due to the fact that construction machinery will be operating in the work area. The risk of a spill or leak is not likely and spill kits are available at the project site if a spill should occur. Fueling of vehicles and machinery is completed upland and away from the water body.

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

[\[help\]](#)

No sources of contamination are known at this 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. [\[help\]](#)

None are known at this site.

- 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. [\[help\]](#)

Typical construction of this project will use gasoline or diesel powered equipment and some hand tools. The finished project will not require any source of toxic or hazardous chemicals. Best Management Practices will be used during construction to protect any introduction of foreign substances to the construction area.

- 4) Describe special emergency services that might be required. [\[help\]](#)

No special emergency services are anticipated.

- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

Fueling of vehicles and machinery is completed upland and away from the water body to prevent any source of fuel from entering surface waters. A spill kit will be available on site in the event of an accidental spill.

- b. Noise [\[help\]](#)

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

None.

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. [\[help\]](#)

No noise will be generated by this project after construction activities are completed.

3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

Short- term noise will be created from machines used during construction, limited to typical working hours of 7 a.m. to 5 p.m.

8. Land and Shoreline Use [\[help\]](#)

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. [\[help\]](#)

All adjacent property owners are privately owned residences. Tacoma Power owns a 746 acre parcel to the north of the WLA property.

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? [\[help\]](#)

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: [\[help\]](#)

No.

c. Describe any structures on the site. [\[help\]](#)

Two aluminum culverts are located on site, a gravel access road and a barbed wire fence along the property line.

d. Will any structures be demolished? If so, what? [\[help\]](#)

The two existing aluminum culverts and the gravel road that spans across the culverts will be removed.

e. What is the current zoning classification of the site? [\[help\]](#)

PUBLIC PARKS TRAILS AND PRESERVES - PP

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

Unknown.

g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

None.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

**Critical Aquifer Recharge Area
100 – Year Floodplain
Gopher Indicated Soils – Less Preferred
High groundwater Hazard Area**

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)
WDFW Wildlife Area Staff and Biologists.

j. Approximately how many people would the completed project displace? [\[help\]](#)
None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)
N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)
The proposed project will be conducted in accordance with required Thurston County permits and conditions.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)
The proposed project will have no affect to agricultural or forest lands.

9. **Housing** [\[help\]](#)

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)
None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)
None.

c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)
None are proposed.

10. **Aesthetics** [\[help\]](#)

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)
None.

b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)
None.

- b. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)
None are proposed.

11. **Light and Glare** [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)
None.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)
No.
- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)
None.
- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)
None are proposed.

12. **Recreation** [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)
WDFW owned and managed Wildlife Area. Popular recreational activities on the West Rocky Prairie Unit include wildlife viewing, hunting, and botanical studies.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)
None are proposed.

13. **Historic and cultural preservation** [\[help\]](#)

- 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. [\[help\]](#)
No previously reported built environment resources within 1-mile (1.6 km) of the project area.
- 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. [\[help\]](#)
One negative cultural resource survey (Hale 2009) within 1-mile of project. 45TN383 a culturally modified tree is 3 miles SE of project area and 45TN249 an historic era building and artifact scatter is 3.5 miles north.
- 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. [\[help\]](#)

Consultation under GEO-0505 with DAHP and affected tribes. Historic maps, GIS review, DAHP WISAARD review.

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. [\[help\]](#)
WDFW inadvertent discovery plan will be in place.

14. **Transportation** [\[help\]](#)

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. [\[help\]](#)

The project site is accessed by Powder Plant Rd and/or 143rd Ave SE.

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? [\[help\]](#)

No.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

None.

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). [\[help\]](#)

No.

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

No.

f. 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? [\[help\]](#)

None.

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. [\[help\]](#)

No.

h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

None are proposed.

15. **Public Services** [\[help\]](#)

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. [\[help\]](#)

No.

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

None are proposed.

16. **Utilities** [\[help\]](#)

a. Circle utilities currently available at the site: [\[help\]](#)
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. [\[help\]](#)

No utilities will be needed at this site.

C. Signature [\[help\]](#)

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: Anna Sample

Name of signee Anna Sample

Position and Agency/Organization Environmental Planner 3 - WDFW

Date Submitted: 4/23/2020