

## **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 [\[HELP\]](#)**

1. Name of proposed project, if applicable:

King County Leachate Pipeline Improvements

2. Name of applicant:

Francisco Gaspay, King County Solid Waste Division (KCSWD)

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

King Street Center  
201 S Jackson St Rm 5701  
Seattle, WA 98104

(206) 477-5220

[Francisco.Gaspay@kingcounty.gov](mailto:Francisco.Gaspay@kingcounty.gov)

4. Date checklist prepared:

July 2021

5. Agency requesting checklist:

King County Department of Local Services, Permitting Division

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

Construction is scheduled to begin May 1, 2022 and to be completed October 1, 2022.

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 plans for future additions, expansion, or further activity.

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

None.

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.

There are no applications pending for governmental approvals of other proposals.

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

- King County Department of Local Services, Permitting Division
  - Shoreline Substantial Development Permit (SSDP)
  - Right-of-Way (ROW) Permit
  - State Environmental Policy Act (SEPA) 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.)

A pressure gravity leachate pipeline conveys leachate collected at the Cedar Hills Regional Landfill to King County Metro's sanitary sewer system. In September 2020, a reduction in leachate flow measured between the Cedar Hills Regional Landfill and the discharge point to King County Metro's sanitary sewer system was observed. A reduction of flow is an indicator for a break or blockage in the pipeline. A camera was inserted at the clean out location at 13+25 (Area 1) and revealed the existing 12-inch valve near station 9+85 was partially blocked due to an obstruction lodged in the body of the existing valve. King County excavated and removed the obstructed valve from the pipeline. Both sections of removed pipe at stations 13+25 (Area 1) and 9+85 (Area 2) were temporarily replaced with new 12-inch ductile iron pipe. Romac couplers were used to connect the existing pipeline to the new ductile iron pipe. Operation of the pressure gravity pipeline has resumed; however, permanent repairs are required at each of the temporary repair locations identified above and detailed below. Stationing is based on King County as-built plans for the leachate pipeline dated on March 1987.

The following is proposed for permanent repairs at the project sites:

#### Repair at Station 13+25 (Area 1)

- Install 712-LA below grade precast vault with a 24-inch-diameter cast iron access frame and grate and a 3- by 5-foot HS-20 access hatch
- Locate access hatch outside of the driving lane
- Install new 6-inch cleanout assembly
- Install new 12-inch-diameter flanged ductile iron pipe
- Connect new ductile iron pipe to existing pipe using Romac coupling 18-inches outside of the precast vault
- Install pipe supports within precast vault
- Backfill and pavement restoration including pavement striping damaged by this project.

#### Repair at Station 9+85 (Area 2)

- Install 612-2-LA below grade precast vault with a 24-inch-diameter cast iron access frame and grate and a 36-inch-diameter cast iron access frame and grate with a 4-inch-diameter cast iron access frame and grate for valve nut access.
- Locate 24-inch-diameter cast iron access frame and grate outside of the driving lane
- Center 36-inch-diameter cast iron access frame and grate with 4-inch-diameter access frame and grate for valve nut over existing 12-inch sanitary sewer pipeline
- Install new 12-inch plug valve
- Install new 12-inch-diameter flanged ductile iron pipe
- Connect new ductile iron pipe to existing pipe using Romac coupling 12 inches outside of the precast vault
- Install pipe supports within precast vault
- Backfill and pavement restoration including pavement striping damaged by this project.

Work is within previously disturbed areas but is within the shoreline jurisdiction of the Cedar River. The project will avoid wetland, stream and associated buffer impacts to the extent possible. Areas disturbed by construction will be restored to pre-construction conditions.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project is located in Section 32, Township 23N, Range 6E, Willamette Meridian.

The project address is 17937 Cedar Grove Road, SE, Maple Valley, WA 98038. Work would occur in two areas along Cedar Grove Road SE. Repair Station 13+25 (Area 1) is located involves approximately 620 square feet of work area. Repair Station 9+85 (Area 2) is located involves approximately 1,070 square feet of work area.

## **B. Environmental Elements** [\[HELP\]](#)

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

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other ravine\_\_\_\_\_

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

There are no steep slopes (slopes greater than 40% (KCC 21A.24)) on the project site or the vicinity of the project. The steepest slopes within the project site are approx. 11 percent.

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.

Area 1 soils consist of Everett very gravelly sandy loam (EvB). Area 2 soils consist of Pilchuck loamy fine sand (Pc) and water (W).

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

Published hazard maps from King County indicate there are no landslide hazards in the project area.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The project would involve soil disturbance through excavation. Excavation will be limited to the areas required to permanently repair the pipeline, which totals approximately 1,690 square feet. Fill would come from local borrow sources.

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

Some erosion could occur during excavation and stockpiling of soil during construction. Erosion control measures will be implemented to minimize this potential. See B.1.h. below for typical Best Management Practices (BMPs) that can be utilized to minimize the potential for erosion.

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

None – there will be no new impervious surfaces created by the project.

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

Appropriate erosion and sediment control measures will be installed to minimize impacts to the earth from clearing, grading, or excavation activities related to project construction. Typical BMPs that can be utilized to minimize the potential for erosion include:

- Installation of high-visibility fencing to delineate clearing and construction work limits;
- Installation of filter fabric fences around disturbed areas;
- Installation of temporary sandbags where necessary;
- Installation of silt traps in storm drainage inlets;
- Installation of stabilized construction entrances where necessary;
- Covering soil stockpiles and exposed soils;
- Implementing containment measures at staging and/or material stockpile areas to prevent runoff;
- Regular street cleaning for mud and dust control;
- Regular inspection of erosion and sediment control measures;
- Restoration of disturbed areas by repaving, seeding, or replanting as soon as practical after construction is completed;
- Ensuring that no exposed soils remain unstabilized for more than 2 days between October 1 and April 30, and for no more than 7 days between May 1 and September 30;
- Designate personnel to inspect and maintain temporary erosion and sediment control measures;
- Use appropriate means to minimize tracking of sediment onto public roadways by construction vehicles.

Requirements for temporary erosion and sediment control measures will be specified in the project's construction plans and specifications and will be implemented as required by King County permitting requirements.

## 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.

Construction of the project may result in short-term dust emissions from exposed soils and will result in fossil fuel emissions from the operation of construction equipment. No new impervious surface will result from the project, but pavement removal/replacement is proposed. A King County Greenhouse Gas Emissions worksheet is attached.

- 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 or odor that may affect this proposal.

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

Dust emission impacts associated with the construction of the proposed project are not anticipated to be significant. Construction contractors will comply with regulatory requirements and implement appropriate dust control measures, as necessary. Measures to minimize dust emissions from construction may include:

- Spraying exposed soils and soil storage areas with water or otherwise covering them during dry weather periods.
- Covering exposed earthen stockpiles and loads of material being transported to and from the site.

Vehicular emissions associated with construction of the project are anticipated to be short-term.

Measures to minimize vehicular emissions may include:

- Requiring contractors to use best available emission control technologies (e.g., mufflers).
- Maintaining all vehicles in proper working condition.
- Minimizing vehicle and equipment idling.

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

- a. Surface Water: [\[help\]](#)

- 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.

In the project area, there is the Cedar River and stormwater basins. The Cedar River flows into Lake Washington.

- 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.

Yes, a portion of the project would occur within the shoreline jurisdiction of the Cedar River.

- 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 material would be placed in or removed from surface waters.

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

No surface water withdrawals or diversions are proposed.

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

The project is not within a 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.

No discharges of waste materials to surface waters are proposed.

b. Ground Water: [\[help\]](#)

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.

Dewatering is required during emergency repairs, but it will not be from a well for drinking water or other purposes.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste materials are anticipated to enter the ground during construction or operation of the proposed project. Small spills or leaks of motor oil, diesel fuel, or hydraulic fluid could occur during construction. See section B.3.d. below for measures to avoid and minimize potential for these materials to be discharged to the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The main source of runoff during and after construction of the proposed project will be rainfall. During construction, stormwater will be routed through temporary erosion and sedimentation control measures for proper discharge to the existing King County sewer system or storm drainage systems.

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

No waste materials are anticipated to enter ground or surface waters during construction or operation of the proposed project. BMPs will be implemented to avoid and minimize releases of turbid water and spills from equipment.

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

Drainage patterns would not be altered or affected in the project vicinity.

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

Section B.1.h. discusses typical BMPs that may be used during construction to control erosion and sedimentation resulting from stormwater runoff. Additional construction BMPs that can be implemented to prevent the introduction of contaminants into surface water or groundwater during construction may include:

- maintaining spill containment and clean up materials in areas where equipment fueling is conducted;
- refueling construction equipment and vehicles away from surface waters whenever practicable;
- containing equipment and vehicle wash water associated with construction and preventing it from draining into surface waters;
- storing fuels and other potential contaminants away from excavation sites and surface waters in secured containment areas;
- conducting regular inspections, maintenance and repairs on fuel hoses, hydraulically operated equipment, lubrication equipment, and chemical/petroleum storage containers; and
- establishing a communication protocol for the unlikely event of a spill.

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

a. Check the types of vegetation found on the site: None, project is located within right-of-way.

- 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?

None – the project will occur entirely within the paved right-of-way.

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

A search of the Washington Department of Natural Resources Natural Heritage Program database was conducted for listed plant species in the project area. No sensitive plant species or rare ecosystems are known to occur within a quarter-mile radius of the project.

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

None – the project will occur entirely within the paved right-of-way.

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

Examples of dominant noxious weeds and invasive species near the project include tansy ragwort and bohemian knotweed.

## 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.

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.

Chinook salmon (*Oncorhynchus tshawytscha*) and Steelhead (*O. mykiss*), are federally Threatened species that have been documented in the in the Cedar River.

The marbled murrelet (*Brachyramphus marmoratus*), streaked horned lark (*Eremophila alpestris strigata*), yellow-billed cuckoo (*Coccyzus americanus*), North American wolverine (*Gulo gulo luscus*), and Bull Trout (*salvelinus confluentus*) are listed on the United States Fish and Wildlife website as potentially occurring in the project area; however, there is no suitable habitat in the area for these species.

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

The project site is located within the Pacific Flyway which is a flight corridor for migrating waterfowl and other avian fauna. The Pacific Flyway extends from Alaska south to Mexico and South America.

The Cedar River is a known migration route for a variety of fish species, including dolly varden/bull trout (*Salvelinus malma/S. confluentus*), resident coastal cutthroat (*O. clarki*), kokanee (*O. nerka*), sockeye (*O. nerka*), and resident coastal cutthroat (*O. clarki*) (United States Fish and Wildlife website).

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

As no impacts to wildlife are anticipated, no mitigation measures are proposed.

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

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

## 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.

No energy or electricity is needed for the completed project.

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

As project features are below or at-grade, potential use of solar energy by adjacent properties would not be affected.

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

None 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.

Potential soil contamination could be encountered during construction excavation activities. See section 7.a.1 below for information on the types of contamination that may be encountered during construction.

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

No known contaminated sediment is located within the project working limits. Based on a review of regulatory databases provided by Environmental Data Resources, Ecology site files, historical data, and observed current site conditions, one site approximately 550 feet east of Area 1 and was identified as a business that stores hazardous chemicals and must report to Ecology. No active cleanups or risks within the project area are identified.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Fuel will be used for construction equipment and vehicles.

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

None anticipated.

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

As described in sections B.1.h. and B.3.d. above, BMPs and other measures will be used to avoid or contain/control any spills or other releases of hazardous materials during project construction.

Environmental due diligence has been conducted and reviewed along the project corridor to identify and address known or potential soil or groundwater contamination issues on or adjacent to the project sites that may require consideration during project design and/or construction.

The Contractor will prepare a health and safety plan as part of the contract for the proposed project. This plan will comply with all applicable health regulations and will detail measures to control environmental health hazards. Any contaminated soil encountered will be removed from the project site and properly handled and disposed of at an approved site.

*b. Noise*

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

The project is located within rural and mineral areas. Noises that exist in the area, mostly from traffic, are not expected to affect the 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.

Temporary noise will be produced by construction equipment. Construction activity is anticipated to occur between the hours of 8 a.m. and 5 p.m. Throughout project construction, typical short-term, intermittent construction related noise may include engine and mechanical equipment noises associated with the use of heavy equipment such as bulldozers, excavators, cranes, haul trucks, vacuum trucks, and, generators. If night work is needed, the project applicant would apply for a variance from the noise standards under KCC 16.82.105(B).

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

Most construction-related noise will be limited to construction working hours allowable by the King County's noise code. If work outside the daytime working hours is required, a request for expanded construction hours will be submitted to King County. Once the project is completed, no change to background noise levels is expected.

Additional measures to reduce or control noise impacts during construction may include the following:

- Install mufflers on all gas powered equipment;

- Provide electricity from the power grid and encourage the use of electric or hydraulic tools when practicable;
- Notify residents and businesses near active construction areas of upcoming noisy construction activities;
- Establish 24-hour construction hotline to promptly respond to questions and complaints.
- Install noise barriers, if needed.

## **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.

Land uses adjacent to the project include: Rural Area (RA-5) and Mineral (M). The project is not anticipated to permanently impact current land uses on nearby or adjacent properties. Temporary single lane closure would occur. Flaggers will direct and que traffic for use of the single lane.

No permanent impacts to existing land use is anticipated; however, there may be short-term, temporary impacts to land use intermittently over the construction period.

- 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 site has not been used as working farmlands or 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.

- c. Describe any structures on the site.

The project is within right-of-way with no above-ground structures on the site.

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

No structures would be demolished.

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

The project is entirely within the county right-of-way, in an area zoned Mineral (M) and Rural Area – 5 (RA-5).

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

Area 1: Mining and Area 2: Rural area 2.5 -10 acres per dwelling unit

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

Rural shoreline (Cedar River)

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

Yes, the project is adjoining the Cedar River and is within a seismic hazard area.

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

No one would reside or work in the project.

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

No one would be displaced by the project.

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

As displacement impacts would not occur, mitigation measures are not proposed.

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

The proposed project consists of replacing a section of an existing underground pipeline that will not be visible following the completion of construction. Utilities are an allowed use in the M and RA-5 zones. This pipeline is necessary for operations at the nearby Cedar Hills Regional Landfill, which accepts waste from King County's transfer stations for disposal.

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

As no impacts to agricultural and forest lands would occur, mitigation is not proposed.

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

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

No housing units would be provided.

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

No housing units would be eliminated.

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

As impacts to housing would not occur, mitigation measures are not 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?

Not applicable, no above-ground structures are proposed.

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

In the short-term, construction will be visible to adjacent properties. Residents may see construction equipment and related vehicles due to temporary activities in the right-of-way. No operational view impacts would occur.

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

None – construction impacts will be temporary.

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

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

If construction occurs during fall or winter, active lighting of the construction site may be required at the beginning or end of the work day.

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

No, light or glare is not anticipated to be a safety hazard or interfere with views.

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

There are no off-site sources of light or glare that may affect the project.

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

If lighting is necessary during construction activities in the vicinity of residences, measures will be taken to minimize impacts to adjacent property owners by directing the lights away from residences. Lights will be positioned to minimize glare.

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

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

Area 2 is directly adjacent to the Larry Phillips Natural Area (also known as the Rainbow Bend Natural Area). The Larry Phillips Natural Area is less than one acre in size, located among residential properties on a peninsula of land extending into the Cedar River. The parcel is densely vegetated with shrubs and deciduous trees. Dense vegetation restricts entry into the site. Neighboring residents might access the property along the levee on the southern edge of the natural area, though this is not accessible to the general public.

The Cedar River Trail, a 17.3-mile partially paved regional rail trail, is located approximately 945 feet southwest of Area 2 of the project. The project would not interfere with the Cedar River Trail functionality.

There are no other designated or information recreational opportunities in the immediate vicinity of the project.

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

No. Project use of the Larry Phillips Natural Area would not occur, and access to existing recreational uses would remain throughout construction and operation of the project.

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

As impacts on recreation would not occur, mitigation measures are not 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.

The only structure near the site is the Cedar Grove Road SE bridge, which could date back to 1936 (based on review of historic aerials) and is immediately adjacent to Area 2 of the project. The project does not propose any modifications to the Cedar Grove Road SE bridge.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

No, the project is not located on any mapped archaeological sites and project activities would occur in previously-disturbed areas.

There are no known professional studies to identify cultural resources.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

The Department of Archeology and Historic Preservation, WISSARD database was searched to locate any potential cultural and historic resources on or near the project sites.

- 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.

None, as project activities would occur in previously disturbed areas, no impacts are anticipated and no measures to avoid, minimize or compensate for loss, changes to and disturbance are needed.

#### **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.

The project area is within the right-of-way of Cedar Grove Road SE and can be accessed from Cedar Grove Road SE.

A temporary single lane closure will occur on Cedar Grove Road SE. See section B.14.h for additional information regarding temporary roadway closures and potential impacts to transportation and traffic.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The site is not currently served by public transit. The nearest transit stop is the Renton-Maple Valley Rd and Cedar Grove Rd SE bus 907 stop, which is approximately 800 feet southwest of Area 2 of the project.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

No parking spaces would be added, and no parking spaces would be eliminated.

- 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 are planned as part of this project. In-kind restoration of existing road surfaces impacted by the project would occur following completion of construction.

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

No, the project would not use or occur in the immediate vicinity of water, rail or air transportation.

- 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?

No vehicular trips per day would be generated by the project.

- 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.

While lane closures on Cedar Grove Road SE are anticipated, those are not anticipated to interfere with movement of agricultural or forest products.

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

Contractors will be required to comply with a traffic control plan, approved by King County.

Typical traffic control measures that could be implemented include:

- Provide flaggers as necessary to manage traffic;
- Maintain access to businesses and residences;
- Provide advance notice of the project through postings and other means to alert potentially-affected residences and businesses, and users of affected roadways;
- Work with residents and businesses to minimize inconvenience when construction activities affect access to their properties.
- Provide continuous access to emergency vehicles and other services during construction.

Community residents will be notified in advance of all lane or street closures. Local and emergency vehicle access will be maintained throughout the project. All construction-related traffic disruptions and construction working hours will be coordinated with King County and any private transit providers such as school buses.

## **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.

No public service needs are anticipated by the project.

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

As impacts on public services are not anticipated, mitigation measures are not proposed.

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

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 utilities are proposed for the project. The project is a utility repair project associated with  
the Cedar Hills Landfill. Once complete, the project will continue to operate similar to  
existing conditions; existing utilities are in place to serve the project.

**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: \_\_\_\_\_  
DocuSigned by:  
Francisco Gaspay  
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Name of signee: Francisco Gaspay

Position and Agency/Organization: Engineer III/Project Manager, King County Solid Waste  
Division

Date Submitted: July 2021