

SEATTLE PUBLIC UTILITIES
SEPA ENVIRONMENTAL CHECKLIST

This SEPA environmental review of Seattle Public Utilities' Cedar East Side Supply Line at Coal Creek has been conducted in accordance with the Washington State Environmental Policy Act (SEPA) (RCW 43.21C), State SEPA regulations [Washington Administrative Code (WAC) Chapter 197-11], City of Seattle SEPA ordinance [Seattle Municipal Code (SMC) Chapter 25.05], and the City of Bellevue Environmental Procedures (Bellevue City Code [BCC] Chapter 22.02).

A. BACKGROUND

1. Name of proposed project:

Cedar East Side Supply Line at Coal Creek Project (C600888)

2. Name of applicant:

Seattle Public Utilities (SPU)

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

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4. Date checklist prepared:

November 13, 2025

5. Agency requesting checklist:

Seattle Public Utilities (SPU)

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

Construction is scheduled to occur in 2027. For purposes of this Checklist, the project is presumed to require up to 60 working days.

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

SPU has no other plans for future additions, expansion, or further activity related to or connected with this proposal.

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

SPU. 2023 (October 11). Summary of Preliminary Geotechnical Evaluation Project Understanding.

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.

SPU is not aware of other pending government approvals of other proposals directly affecting the property or rights-of-way covered by this proposal. King County Department of Natural Resources and Parks' Wastewater Treatment Division is currently constructing its Coal Creek Sewer Upgrade Project in nearby areas. SPU is coordinating with King County to minimize construction conflicts.

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

Implementation of the proposed work at some or all sites would require these permits or approvals from the City of Bellevue:

- Clearing and Grading Permit
- Right-of-way Street 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.

SPU plans to replace approximately 900 linear feet (LF) of 36-inch internal diameter, bar-wrapped concrete cylinder pipe of the Cedar East Side Supply Line (CESSL) with cement mortar-lined and polyurethane-coated 38 $\frac{3}{8}$ -inch outer diameter steel pipe. The existing, mostly buried pipe was constructed in 1952 and parallels Coal Creek Parkway SE in the Newport neighborhood of the City of Bellevue, Washington. This section of pipeline has known historical leaks, cracks, and pipe sags and has been determined to be seismically deficient and in need of improvement. Replacement of this section is being conducted to prevent future pipe failures that could cause a landslide, ecological damage, and water service delivery interruption to SPU's wholesale customers on the east side of Lake Washington.

The project would remove existing bar-wrapped concrete cylinder pipe between approximate stations 375+25 and 384+14; install approximately 900 LF of 38 $\frac{3}{8}$ -inch butt-welded steel pipe; and install sacrificial anodes, test stations, and other appurtenances.

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 pipeline is on SPU-owned parcels 2124059018 and 1624059156 in the Newport neighborhood of the City of Bellevue. See Attachments A and B for a vicinity and location maps, respectively.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site:

☒ Flat ☐ Rolling ☐ Hilly ☒ Steep Slopes ☐ Mountainous ☐ Other:

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

The work area is flat and adjoins steep slopes (more than 40%) associated with City of Bellevue's Coal Creek Natural Area.

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 these soils.

Geologic conditions of the Puget Sound region are a result of glacial and non-glacial activity occurring over the course of millions of years and are described in the Washington Department of Natural Resources' Washington Geologic Information Portal (<https://geologyportal.dnr.wa.gov/>). The project site is mapped as glacial till and glacial drift. However, urban development over the last 100 years in the project area has resulted in predominance of disturbed native soils/sediments, cut slopes, and placements of fill material. This project site and the immediate surrounding areas have been substantially filled, developed, and disturbed in this way. There are no agricultural lands of long-term commercial significance designated in the project area.

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

The City of Bellevue designates geologically hazardous areas as Critical Areas based on historic and current geologic conditions, including topography and underlying soils. The project site is in utility right-of-way and improved street rights-of-way. According to King County and City of Bellevue Critical Area mapping (<https://gismaps.kingcounty.gov/iMap/>) the project site is mapped as an Erosion Critical Area and is adjacent to a Landslide Hazard Critical Area. The existing pipe section to be replaced has known historical leaks, cracks, and pipe sags resulting—at least in part—from slope movement.

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

This project proposes to excavate, backfill, and restore ground surfaces to allow replacement of approximately 900 LF of buried pipe. Excavation volumes are not expected to exceed 2,050 cubic yards. Suitable native material or Type 9 would be used to backfill those excavations.

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

Erosion is expected to be minimal because sedimentation and erosion controls would be deployed, and work areas are mostly flat. Construction staging, access, and construction

would occur in improved utility and street rights-of-way and within developed roadway prisms.

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

No new impervious surfaces are proposed. Ground disturbance would occur in existing paved areas, on compacted graveled roadway surfaces, and on compacted earth in a utility right-of-way. Existing paved and graveled surfaces damaged by construction would be repaired as required by the City of Bellevue. Proposed work would not result in an increase or decrease in impervious surfaces.

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

Wherever possible, construction staging and access would be located on existing paved surfaces. Risk of erosion and sedimentation is low because sedimentation and erosion controls would be deployed, and work areas are flat. Temporary erosion and sediment control best management practices would be deployed, inspected, and maintained as needed per the City of Bellevue's Stormwater Code BCC Title 24.06. Disturbed vegetated areas, if any, would be revegetated in-kind or as directed by the City of Bellevue.

2. Air

a. What types of emissions to the air would result from the proposal [e.g., dust, automobile, odors, industrial wood smoke, greenhouse gases (GHG)] during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Mobile and stationary equipment would be used to construct the proposed project, thus generating emissions due to the combustion of gasoline and diesel fuels (such as oxides of nitrogen, carbon monoxide, particulate matter and smoke, uncombusted hydrocarbons, hydrogen sulfide, carbon dioxide, and water vapor). Emissions during construction would also include dust from ground-disturbing activities and exhaust (carbon monoxide, sulfur, and particulates) from construction equipment and are expected to be minimal, localized, and temporary.

This project would generate greenhouse gas (GHG) emissions through construction activity only. GHG emission calculations are shown in Attachment C and summarized in Table 1. One metric ton metric ton of carbon dioxide emission (MTCO₂e) is equal to 2,205 pounds. This project would generate GHG emissions during the estimated 60 working days (on average) required per site through the operation of diesel- and gasoline-powered equipment and to transport materials, equipment, and workers to and from the project sites. Estimates are also based on typical transportation and construction equipment used for this type of work. Embodied energy in the materials used in this project has not been estimated as part of this SEPA environmental review due to the difficulty and inaccuracy of calculating such estimates.

During project operation, the project is not expected to result in increased GHG emissions as compared with pre-project levels because the new pipe is not expected to

require maintenance levels greater than the existing pipe section currently requires and would not be replaced for more than 50 years.

Table 1. Summary of Greenhouse Gas (GHG) Emissions.

Activity/Emission Type	GHG Emissions (pounds of CO ₂ e) ¹	GHS Emissions (metric tons of CO ₂ e) ¹
Buildings	0	0
Paving	0	0
Construction Activities (Diesel)	131,953.5	59.9
Construction Activities (Gasoline)	11,664	5.3
Long-term Maintenance (Diesel)	0	0
Long-term Maintenance (Gasoline)	0	0
Total GHG Emissions	143,617.5	65.2

¹ Note: 1 metric ton = 2,204.6 pounds of CO₂e. 1,000 pounds = 0.45 metric tons of CO₂e

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

There are no known off-site sources of emissions that would affect this proposal.

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

During construction, impacts to air quality would be reduced and controlled through implementation of standard federal, state, and local emission control criteria and City of Seattle construction practices. These would include requiring contractors to use best available control technologies, proper vehicle maintenance, and minimizing vehicle and equipment idling.

3. Water

- a. Surface:**

- (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 so, describe type and provide names. If appropriate, state what stream or river it flows into.**

The project is more than 200 feet east of Coal Creek, a tributary to Lake Washington. Two small watercourses tributary to Coal Creek pass under the subject pipe section in existing culverts. The proposed project would not disturb those watercourses or the culverts that convey them.

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If so, please describe, and attach available plans.**

The work would not require in-water construction activity.

- (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 material would be placed in or removed from surface water or wetlands.

- (4) Will the proposal require surface water withdrawals or diversions? If so, give general description, purpose, and approximate quantities if known.**

The proposed work would not require surface water withdrawals or diversions.

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

No portion of the project lies 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.**

The proposed project would not discharge waste materials to surface waters.

b. Ground:

- (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.**

The proposed project would not withdraw, discharge, or surcharge groundwater. During construction, temporary dewatering may be needed in the trenches during open-cut pipe installation. Dewatering rates are not known at this time. Groundwater from dewatering wells may be infiltrated in nearby upland areas. If infiltration is not feasible, collected groundwater may be discharged to stormwater systems, sewer systems, or directly to sensitive aquatic areas (wetlands or streams) after treatment (e.g., sedimentation tanks or similar) in accordance with water quality regulations, permit conditions, and best practices. The project does not involve any other wells for drinking water or other water supply or discharge of waste material to groundwater.

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

No waste material would be discharged to groundwater.

c. Water Runoff (including storm water):

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

The completed project would not alter existing stormwater drainage patterns.

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

There would be no waste materials from this project that could enter ground or surface waters.

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

No, the proposal would not alter drainage patterns. Any disturbed vegetated areas would be restored in-kind or as directed by the City of Bellevue.

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

Adverse impacts to surface, ground, or runoff water would be avoided and minimized to the extent possible using best management practices, as identified in the City of Bellevue's Stormwater Code BCC Title 24.06. Those BMPS would be used as needed to control erosion and sediment transport from and to the project site during construction.

4. Plants

a. Types of vegetation found on the site:

☒ Deciduous trees:	☒ Alder	☒ Maple	☐ Aspen	☐ Other:
☐ Evergreen trees:	☒ Fir	☒ Cedar	☐ Pine	☐ Other:
☐ Shrubs				
☒ Grass				
☐ Pasture				
☐ Crop or grain				
☐ Orchards, vineyards, or other permanent crops				
☐ Wet soil plants:	☐ Cattail	☐ Buttercup	☐ Bulrush	☐ Skunk cabbage
☐ Other:				
☐ Water plants:	☐ water lily	☐ eelgrass	☐ milfoil	☐ Other:
☒ Other types of vegetation:	weeds in maintained street and utility rights-of-way			

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

Generally, the project is in developed street and utility rights-of-way that have no or weedy vegetation. The project would remove up to 10 young trees along the west side of Coal Creek Pkwy SE. The project would mitigate removed trees by planting replacement trees, as determined by the City of Bellevue. Should construction, staging, or access activities damage vegetation, including lawn, etc., such vegetation would be restored to pre-project conditions and as directed by the City of Bellevue following project completion.

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

No federally listed endangered or threatened plant species or State-listed sensitive plant species are known to occur within the City of Bellevue municipal limits. The project site

has been disturbed by development and redevelopment over the last 100 years and has been extensively excavated, filled, paved, or occupied by street and utility construction.

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

Proposed work would limit plant removal, pruning, and other disturbance to that required for project construction. Project construction would remove up to 10 small deciduous trees. All damaged vegetation would be restored to pre-project conditions and as directed by the City of Bellevue following project completion.

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

The King County Noxious Weed Program (available at King County iMap interactive online mapping program, <http://gismaps.kingcounty.gov/iMap/>) identifies no noxious weeds in the project location.

5. Animals

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:

Birds: ☒ Hawk ☒ Heron ☒ Eagle ☒ Songbirds
☒ Other: The project is within the Pacific Flyway migratory corridor and the project area is known to host a wide variety of transient, resident, and migratory waterfowl, songbirds, and raptors. In addition to boxes checked, some commonly observed species include transient geese, ducks, crows, pigeons, and gulls.

Mammals: ☒ Deer ☐ Bear ☐ Elk ☒ Beaver
☒ Other: The geographic extent of the project encompasses presence and habitats for a variety of animal species commonly found in urban areas. Commonly observed species include opossums, rabbits, raccoon, skunk, squirrel, rats, mice, and bats.

Fish: ☐ Bass ☒ Salmon ☒ Trout ☐ Herring
☐ Shellfish ☐ Other: These and other fish species are present in Coal Creek and Lake Washington. However, the project location is more than 200 feet east of Coal Creek and more than 4,500 feet from Lake Washington.

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

Based on a check of the Washington Department of Fish and Wildlife's "Priority Habitat Species on the Web" database on September 29, 2025, coho salmon (*Oncorhynchus kisutch*), steelhead trout (*O. mykiss*), Chinook salmon (*O. tshawytscha*), and sockeye salmon (*O. nerka*) are found in Coal Creek. Chinook salmon is listed as a Threatened species under the Endangered Species Act.

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

Bellevue is within the migratory route of many birds and other animal species and is part of the Pacific Flyway, a major north-south route of travel for migratory birds in the

Americas extending from Alaska to Patagonia, South America. WDFW identifies the Coal Creek Natural Area as a Biodiversity Corridor that is part of the King County Wildlife Habitat Network.

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

The proposed work would limit plant removal, pruning, and other disturbance to that required for project construction. All damaged vegetation would be restored to pre-project conditions and as directed by the City of Bellevue following project completion. The project would mitigate removed trees by planting replacement trees, as determined by the City of Bellevue. No in-water work is proposed.

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

King County lists the European starling, house sparrow, Eastern gray squirrel, and fox squirrel as terrestrial invasive species for this area
(<http://www.kingcounty.gov/services/environment/animals-and-plants/biodiversity/threats/invasives.aspx>).

6. Energy and Natural Resources

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

No additional energy would be required to meet the constructed project's energy needs, beyond the energy already used for the existing municipal water system.

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

The proposed project does not involve building structures or planting vegetation that would block access to the sun for adjacent properties.

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

There are no conservation features or proposed measures to reduce or control energy impacts because there would be no such impacts.

7. Environmental Health

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

Small amounts of materials likely to be present during construction, mainly to support vehicle and construction equipment, include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, but also may include solvents, paints, and other chemical products. A spill of one of these chemicals could potentially occur during construction due to equipment failure or worker error. Though unlikely, contaminated soils, sediments, or groundwater could also be exposed during excavation. If disturbed, contaminated substances could

expose construction workers and potentially other individuals in the vicinity through blowing dust, stormwater runoff, or vapors.

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

The project site is not known to have environmental contamination. However, it is possible that contamination of soil or groundwater associated with past uses or activities on or near the project site may be present.

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

There are no known hazardous chemicals or conditions that might affect project development and design.

(b) 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.

Chemicals and pollutants that may be present during construction include:

- Petroleum products associated with vehicular and equipment use, including fuel, lubricants, hydraulic fluids, and form-release oils
- Paints, glues, solvents, and adhesives
- Chemicals associated with portable toilets.

No toxic or hazardous chemicals would be stored, used, or produced at any time during the operating life of the constructed project.

(c) Describe special emergency services that might be required.

No special emergency services such as confined space rescue would be required during construction or operation of the project. Possible fire or medic services could be required during project construction, as well as possibly during operation of the completed project. However, the completed project would not demand higher levels of special emergency services than already exist at the project location.

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

SPU's construction contractor would be required to develop and implement a Spill Plan to control and manage spills during construction. In addition, a spill response kit would be maintained at each site during construction work at that site, and all project site workers would be trained in spill prevention and containment consistent with the City of Seattle's Standard Specifications for Road, Bridge, and Municipal Construction. During construction, the contractor would use standard operating procedures and best management practices identified in the City of Bellevue's Stormwater Code BCC Title 24.06 to reduce or control any possible environmental health hazards. Soils contaminated by spills during construction would be excavated and disposed of in a manner consistent with the level and type of contamination, in accordance with federal, state and local regulations, by qualified contractor(s)

and/or City staff. Additionally, excavations would be required to be shored for worker safety.

b. Noise

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

Noise that exists in the area would not 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.**

Noise levels in the vicinity of project construction would temporarily increase during construction. Short-term noise from construction equipment would be limited to the allowable maximum levels of applicable laws, including the City of Bellevue's Noise Control Ordinance (BCC Chapter 9.18). Within the allowable maximum levels, BCC exempts noise from construction equipment between the hours of 7 a.m. and 8 p.m. weekdays, and 8 a.m. and 6 p.m. on Saturdays that are not legal holidays. The project would need to apply to the City of Bellevue for a formal exemption from the Noise Code for any construction-related sounds emanating from the construction sites on Sundays, legal holidays, and outside the exempt work hours. Nighttime work may be required to reduce overall duration of construction. Nighttime work would likely require a generator and use of construction equipment. A City of Bellevue noise permit would be required for extended construction hours. The completed project would generate no additional noise from equipment used for operation or maintenance.

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

Construction equipment would be muffled in accordance with the applicable laws. BCC Chapter 9.18, which prescribes limits to noise and construction activities, would be enforced while the project is being constructed and during operations, except for during any emergencies.

8. Land and Shoreline Use

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

The project location involves SPU-owned parcels. Bellevue's Coal Creek Natural Area adjoins the project area to the west. Single family residential properties are adjacent to the project site on the east side of Coal Creek Pkwy SE. The work would not change land uses on nearby or adjacent properties. However, the proposed work could result in short-term, temporary street/shoulder closures, and/or route detours for streets or shoulders that would be experienced by individuals who live, work, or visit destinations on or near the project location.

- 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 non-forest use?**

The project site has not been recently used for agricultural purposes or forestry. The project would not result in land use conversion.

- (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?**

The proposed work would neither be affected by nor affect surrounding working farm or forest land normal business operations because there are no such operations at or near the project site.

- c. Describe any structures on the site.**

Structures include paved roads and road shoulders (Coal Creek Pkwy SE) and associated transportation signage, light poles, and so forth. SPU's existing CESSL is buried in the project location. Transportation pavement and structures are not associated with the project and would not be affected. King County Wastewater Treatment Division operates its 8- to 56-inch diameter Coal Creek Trunk Sewer in the project area; the Trunk crosses the CESSL at the south end of the project location.

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

The project would demolish a short (approximately 50-foot) section of the pipe that is exposed aboveground.

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

The project site is currently zoned Residential (LL, SR-2, and SR-4 districts).

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

The project site is designated Residential.

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

The site is not in a Shoreline Management district.

- h. Has any part of the site been classified as an "environmentally critical" area? If so, specify.**

As mapped by the City of Bellevue and King County
<https://gismaps.kingcounty.gov/iMap/> the project site is in an Erosion Hazard Critical Area and adjacent to a Landslide Hazard Critical Area.

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

No people would reside or work in the completed project.

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

The project would not displace any people.

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

There would be no displacement impacts.

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

The project would not change existing land uses. No measures are required to ensure the proposal is compatible with existing and projected land uses and plans.

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

There are no nearby agricultural and forest lands of long-term commercial significance. No measures are required to reduce or control impacts to agricultural and forest lands of long-term commercial significance.

9. Housing

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

The proposed project would not construct any housing units.

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

The proposed project would not eliminate any housing units.

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

No measures are proposed because there would be no housing impacts.

10. Aesthetics

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

No above-ground utility structures would be added or modified.

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

No views would be altered or obstructed.

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

No such measures are proposed because there would be no aesthetic impacts.

11. Light and Glare

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

The constructed project would not produce light or glare. No new streetlights are proposed or required. During construction, if an emergency requires after-dark work, the construction contractor may deploy portable lights that temporarily produce light and glare.

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

The completed project would not create light or glare.

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

There are no existing off-site sources of light and glare that would affect the proposal.

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

No measures are needed to reduce or control light and glare impacts because no impacts would occur. If an emergency requires after-dark work during construction, portable lighting would be adjusted as feasible to minimize glare.

12. Recreation

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

The project is in and adjacent to street rights-of-way for Coal Creek Pkwy SE, a Major Arterial that runs through Bellevue and Newcastle, Washington. It is a busy commuter route, so recreational use of the project location and adjacent areas is limited. However, the project is adjacent to Bellevue's Coal Creek Natural Area, which is used for passive recreation. People use the shoulders of Coal Creek Pkwy SE for bicycle riding.

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

The proposed work would not permanently displace existing recreational uses. Access to streets and parking areas affected by project construction would be more challenging during construction, but SPU would require the project contractor to maintain safe pedestrian and vehicle access at all times.

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

Temporary lane closures and detours affecting vehicle and pedestrian routes/access may be required during construction. For example, the project may re-channelize Coal Creek Parkway during construction, such that bike lanes are removed in both directions and four lanes of traffic for vehicles are retained (2 lanes northbound and 2 lanes southbound). The work may be required to submit, obtain approval for, and implement Traffic Control Plans maintaining pedestrian and bicycle access through or around the project sites during construction. The project would attempt to make detours as brief as possible.

13. Historic and Cultural Preservation

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

There are no buildings, structures, or sites on or adjacent to the project location site that are over 45 years old and listed in or determined to be eligible for listing in national, state, or local preservation registers. The subject pipe section is older than 45 years and there are buildings and structures older than 45 years near the project location. Those buildings and structures would not be affected by this project.

- 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 landmarks, features, or other evidence of Indian or historic use or occupation are known to be on or immediately adjacent to the project location. The Coal Creek Natural Area was historically used for coal mining and two historic coal mines are located approximately 0.5 and 1 mile from the project area. The project will not impact either coal mine. According to the Washington Information System for Architectural and Archaeological Records Data (WISAARD) predictive model based on environmental factors, the project location is in areas with a High Risk and Very High Risk rating for detecting archaeological resources. No cultural resource surveys were conducted for the proposed project. No known archaeological materials or cemeteries have been found in or near the project site.

- 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 Archaeology and Historic Preservation, archaeological surveys, historic maps, GIS data, etc.**

To determine if National Register or Washington Heritage Register eligible properties are in or adjacent to the project, the project sites were checked against the following resources on September 29, 2025:

King County Historic Preservation Viewer:

<https://kingcounty.maps.arcgis.com/apps/View/index.html?appid=08c6e1fe041b4f7a8912e21b55219de1>

Washington Heritage Register and National Register of Historic Places:

<http://www.dahp.wa.gov/historic-register>

Washington Information System for Architectural and Archaeological Records Data database: <https://wisaard.dahp.wa.gov/>

- 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 proposed work would minimally disturb previously disturbed and filled upland areas. The proposed work would not affect buildings or known cultural resources; none of this portion of SPU's existing drinking water system is considered historically or culturally important. The work's location on previously disturbed and filled ground and general confinement to the footprint of existing pipes importantly reduces the chance of encountering contextually significant archaeological materials. However, given the Very High ratings for potentially encountering archaeological materials, the project will have an approved inadvertent discovery plan onsite and in effect during all construction and ground-disturbing activities.

14. Transportation

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

Generally, the project location is in SPU-owned parcels developed and used for utility and transportation purposes. Coal Creek Pkwy SE is a designated Major Arterial in the City of Bellevue. Staging areas would be on existing paved surfaces in SPU-owned parcels.

- 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 project location is not served directly by public transit. Public bus transit service in this area of the City of Bellevue is provided by King County Metro.

- 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).**

Temporary lane closures and detours affecting vehicle and pedestrian routes/access may be required during construction. For example, the project may re-channelize Coal Creek Pkwy SE during construction, such that bike lanes are removed in both directions and four lanes of traffic for vehicles are retained (2 lanes northbound and 2 lanes southbound). The project would restore any damaged street pavement or other transportation infrastructure to pre-construction conditions or better and consistent with City of Bellevue requirements. The proposal would not require any new or improved public or private transportation infrastructure.

- 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 would not use or occur in the immediate vicinity of water, rail, or air transportation facilities.

- 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 non-passenger vehicles). What data or transportation models were used to make these estimates?**

Project work would be conducted at an existing drinking water pipe location. The site currently requires infrequent, periodic trips to transport SPU crews, contractors, and equipment to perform visual inspections, maintenance, and repairs when needed. No long-term additional traffic would result from the completed project. Transport of materials and equipment during construction would generate an estimated 600 round trips. The completed project is not anticipated to require any maintenance and would not generate any additional round trips beyond those currently needed for the existing pipe section.

- 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 proposal would not interfere with, affect, or be affected by movement of agricultural and forest products on roads or streets in the area.

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

The proposed work does not have any transportation-related permanent impacts. Temporary lane closures or detours affecting vehicle and pedestrian routes/access may be required. The work may be required to submit, obtain approval for, and implement Traffic Control Plans that maintain pedestrian and bicycle access through or around the project sites during construction. The following measures would be used to reduce or control transportation impacts:

- SPU would require the contractor to submit a traffic control plan for approval and enforcement by SPU and the City of Bellevue.
- SPU would conduct public outreach before and during the project to notify residents, local agencies, Metro, and other stakeholders of work progress and expected disruptions or changes in traffic flow.
- Access for emergency-response vehicles would be maintained at all times.
- Through access may not be available at all times during project, temporary closures would be minimized and detour routes would be properly and clearly signed. Vehicle access to private properties would be maintained, subject to temporary traffic control measures such as signage and flagging.
- Alternative routes for pedestrians, bicyclists, and those with disabilities would be identified and clearly signed, as needed.

15. Public Services

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

The proposed project is not expected to create an increased need for public services. The project would be required at all times to accommodate emergency access for buildings accessed via affected streets. Emergency access would comply with relevant policies administered by the City of Bellevue as part of its street use permitting process.

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

During construction, the project would be required at all times to accommodate emergency access. No mitigation is proposed because the project would not increase impacts on public services.

16. Utilities

- a. Check utilities available at the site:**

☐ None		
☒ Electricity	☒ Natural gas	☒ Water
☒ Telephone	☒ Sanitary sewer	☒ Refuse service
☒ Other: cable, fiber optics		☐ Septic system

- 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.**

During construction, water service would not be interrupted within the affected service area. No interruptions of other utilities or services are anticipated during project construction. No new utilities are being proposed. The effect of this proposal would extend the life of an existing drinking water asset and minimize risk of its failure.

C. SIGNATURE

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

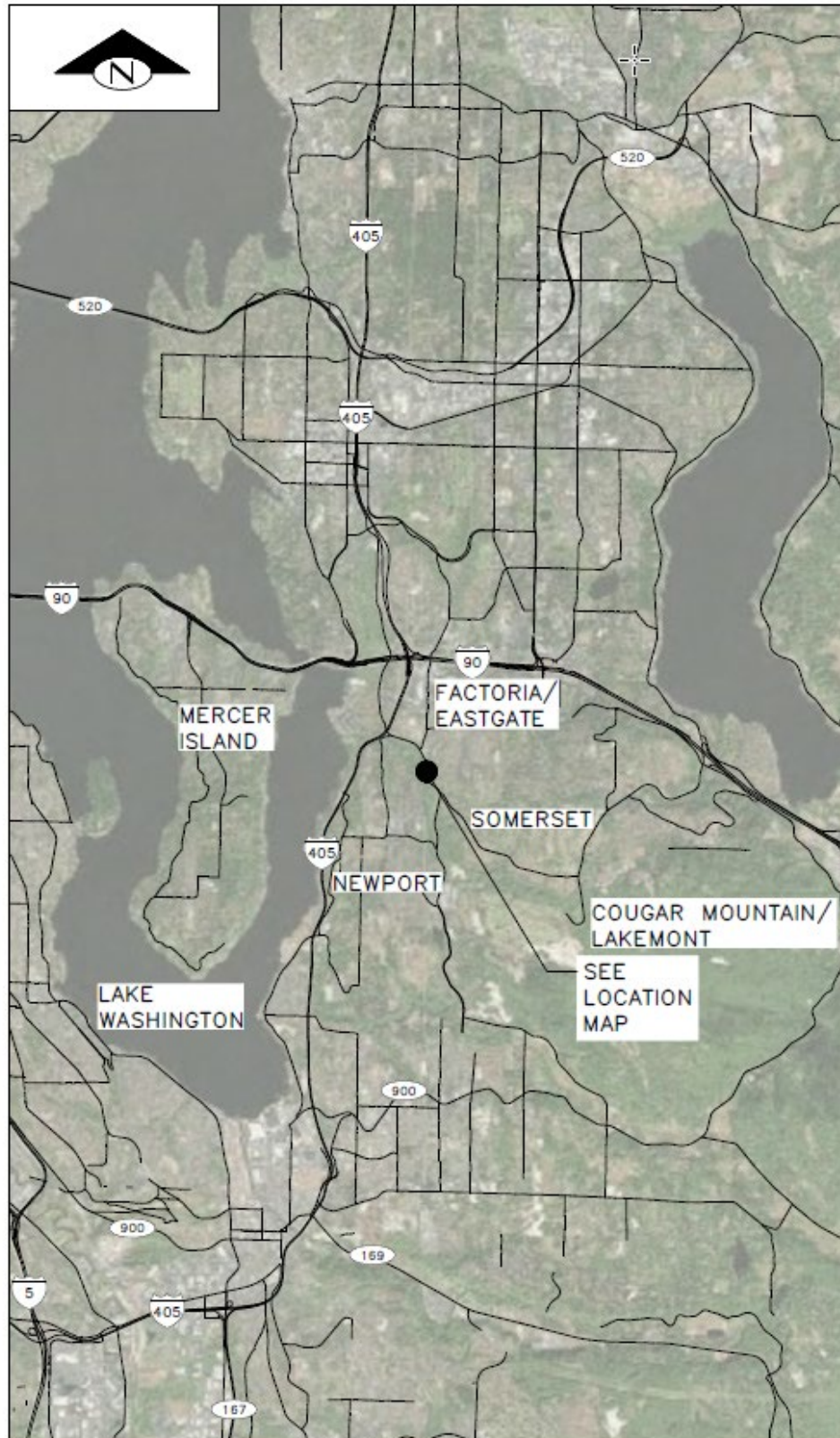
Signature: _____
Kevin Sahara, Project Manager

Attachment A: Vicinity Map

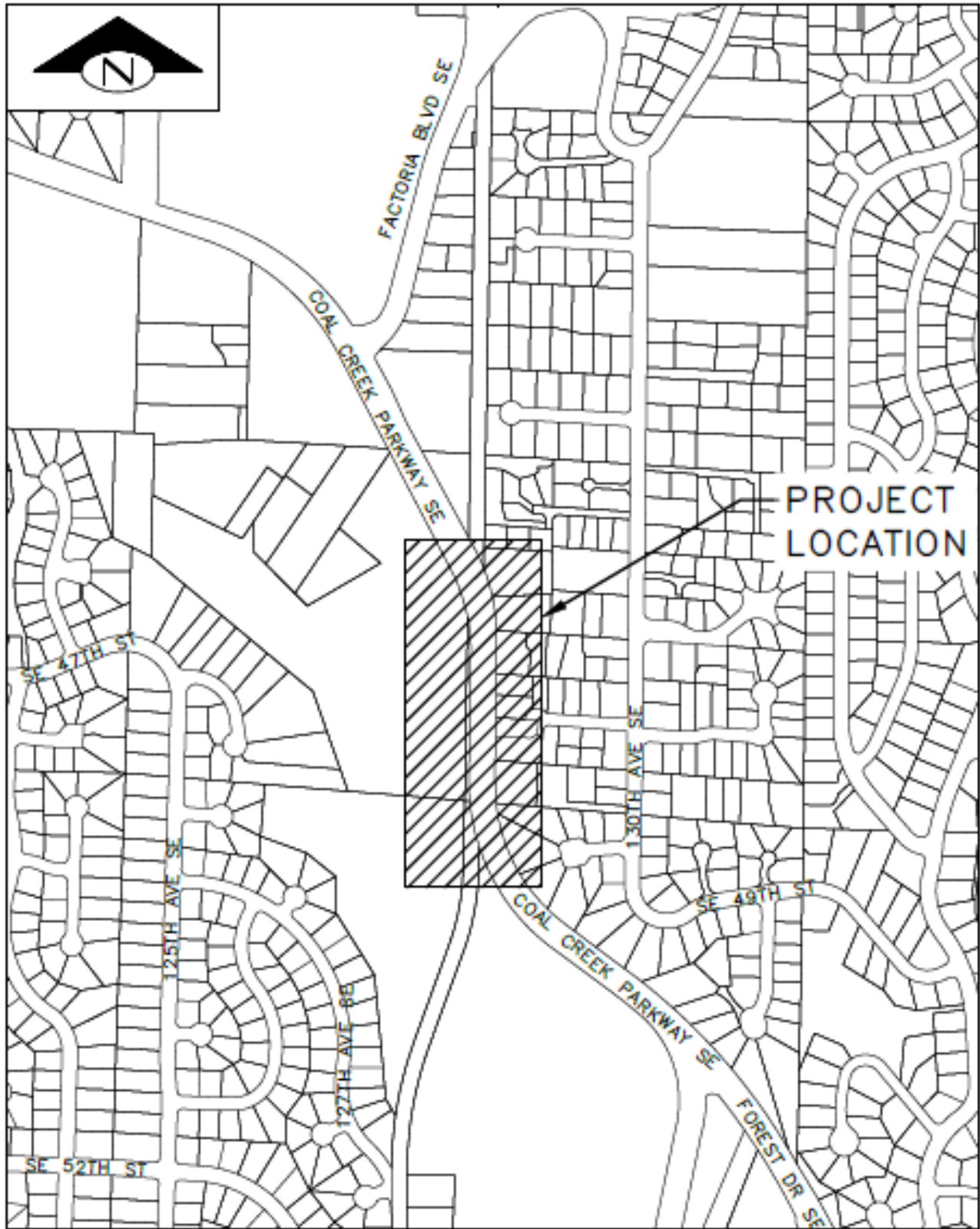
Attachment B: Location Map

Attachment C: Greenhouse Gas Emissions Worksheet

Attachment A: Vicinity Map



Attachment B: Location Map



Attachment C: Greenhouse Gas Emissions Worksheet

Section I: Buildings						
			Emissions Per Unit or Per Thousand Square Feet (MTCO ₂ e)			
Type (Residential) or Principal Activity (Commercial)	# Units	Square Feet (in thousands of square feet)	Embodied	Energy	Transportation	Lifespan Emissions (MTCO ₂ e)
Single-Family Home	0		98	672	792	0
Multi-Family Unit in Large Building	0		33	357	766	0
Multi-Family Unit in Small Building	0		54	681	766	0
Mobile Home	0		41	475	709	0
Education		0.0	39	646	361	0
Food Sales		0.0	39	1,541	282	0
Food Service		0.0	39	1,994	561	0
Health Care Inpatient		0.0	39	1,938	582	0
Health Care Outpatient		0.0	39	737	571	0
Lodging		0.0	39	777	117	0
Retail (Other than Mall)		0.0	39	577	247	0
Office		0.0	39	723	588	0
Public Assembly		0.0	39	733	150	0
Public Order and Safety		0.0	39	899	374	0
Religious Worship		0.0	39	339	129	0
Service		0.0	39	599	266	0
Warehouse and Storage		0.0	39	352	181	0
Other		0.0	39	1,278	257	0
Vacant		0.0	39	162	47	0
TOTAL Section I Buildings						0

Section II: Pavement						
						Emissions (MTCO ₂ e)
Pavement (sidewalk, asphalt patch)		0.0	0			0
Concrete or Asphalt Pad (50 MTCO ₂ e per 1,000 sq ft of pavement 6 inches deep)		0.0	0			0
TOTAL Section II Pavement						

Section III: Construction						
(See detailed calculations below)						Emissions (MTCO ₂ e)
TOTAL Section III Construction						65.2

Section IV: Operations and Maintenance						
(See detailed calculations below)						Emissions (MTCO ₂ e)
TOTAL Section IV Operation and Maintenance						0

TOTAL GREENHOUSE GAS (GHG) EMISSIONS FOR PROJECT (MTCO ₂ e)						65.2
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Attachment C: Greenhouse Gas Emissions Worksheet, continued

Section III Construction Details		
Construction: Diesel		
Equipment	Diesel (gallons)	Assumptions
Jetter/vactor truck (for cleaning pipe)	440	10 working days x 8 hours/day x 5.5 gallons/hour (270 hp engine)
excavator	2,100	300 hours x 7 gallons/hour (345 hp engine)
crane	990	6 hours/day x 30 working days x 5.5 gallons/hour (270 hp engine)
front-end loader	1,400	200 hours x 7 gallons/hour (345 hp engine)
support/flatbed/box truck	40	10 working days x 1 round trip/day x 20 miles/round trip ÷ 5 mpg
Subtotal Diesel Gallons	4,970	
GHG Emissions in lbs CO₂e	131,953.5	26.55 lbs CO ₂ e per gallon of diesel
GHG Emissions in metric tons CO₂e	59.9	1,000 lbs = 0.45359237 metric tons

Construction: Gasoline		
Equipment	Gasoline (gallons)	Assumptions
Pick-up Trucks or Crew Vans	480	60 working days x 4 vehicles x 2 round-trip/day x 20 miles/round trip ÷ 20 mpg
Subtotal Gasoline Gallons	480	
GHG Emissions in lbs CO₂e	11,664	24.3 lbs CO ₂ e per gallon of gasoline
GHG Emissions in metric tons CO₂e	5.3	1,000 lbs = 0.45359237 metric tons

Construction Summary		
Activity	CO ₂ e in pounds	CO ₂ e in metric tons
Diesel	131,953.5	59.9
Gasoline	11,664	5.3
Total for Construction	143,617.5	65.2

Section IV Long-Term Operation and Maintenance Details		
Operations and Maintenance: Diesel		
Equipment	Diesel (gallons)	Assumptions
Subtotal Diesel Gallons		
GHG Emissions in lbs CO₂e		26.55 lbs CO ₂ e per gallon of diesel
GHG Emissions in metric tons CO₂e		1,000 lbs = 0.45359237 metric tons

Operations and Maintenance: Gasoline		
Equipment	Gasoline (gallons)	Assumptions
Subtotal Gasoline Gallons		
GHG Emissions in lbs CO₂e		24.3 lbs CO ₂ e per gallon of gasoline
GHG Emissions in metric tons CO₂e		1,000 lbs = 0.45359237 metric tons

Operations and Maintenance Summary		
Activity	CO ₂ e in pounds	CO ₂ e in metric tons
Diesel		
Gasoline		
Total Operations and Maintenance		