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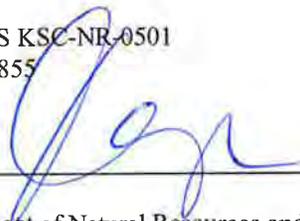
TITLE OF PROPOSAL: Bellevue Influent Trunk Replacement Project

DESCRIPTION OF PROPOSAL: The King County Wastewater Treatment Division (WTD) proposes to replace the existing Bellevue Influent Trunk (BIT) sewer line and a section of the City of Bellevue's (City) Central Business District (CBD) trunk line. The project is needed to bring both the BIT and the CBD up to acceptable capacities. The existing BIT sewer line will be replaced with approximately 1,600 lineal feet of new BIT trunk sewer ranging in diameter from 18 inches to 42 inches. The trunk line will be installed using cut and cover construction methods except for the Meydenbauer Creek culvert crossing where auger boring methods will be used to install 41 feet of 30-inch PVC pipeline under the culvert inside of a 42-inch steel casing pipe. As part of the BIT Replacement Project approximately 636 lineal feet of new 24-inch and 21-inch CBD trunkline sewer will be installed along SE 3rd Street between Bellevue Way SE and 102nd Avenue SE.

LOCATION OF PROPOSAL, INCLUDING STREET ADDRESS, IF ANY: The project is located in Bellevue, WA in Section 32, Township 25 North, and Range 5 East. The Bellevue Influent Trunk runs east along SE 3rd Street between 101st Avenue SE and 102nd Avenue SE and south down 102nd Avenue SE to the intersection with SE 6th Street where it enters the Bellevue Pump Station. The proposed new section of the City's Central Business District trunk line will run west along SE 3rd Street from Bellevue Way SE to its connection with the new Bellevue Influent Trunk at 102nd Avenue SE.

Responsible Official: Christie True
Position/Title: Division Director, King County Wastewater Treatment Division

Address: 201 S. Jackson St., MS KSC-NR-0501
 Seattle, WA 98104-3855

Date: 7/11/2010 **Signature:** 

Proponent and Lead Agency: King County Department of Natural Resources and Parks
 Wastewater Treatment Division

Contact Person: Meredith Redmon, Environmental Planner
 King County Wastewater Treatment Division
 201 S. Jackson St., MS KSC-NR-0505
 Seattle, WA 98104;
 phone: 206-263-6534; e-mail: meredith.redmon@kingcounty.gov

Issue Date: July 8, 2010

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request. The environmental checklist may be viewed and downloaded at: <http://www.kingcounty.gov/environment/wtd/Programs/EnvPlanning.aspx>

This DNS is issued under WAC 197-11-340 (2); the lead agency will not act on this proposal for 17 days from the issue date. **Comments must be submitted by July 24, 2010.** Submit comments to Wesley Sprague, Supervisor Community Services and Environmental Planning Unit, King County Wastewater Treatment Division, 201 S. Jackson St., MS KSC-NR-0505, Seattle, WA 98104-3855.

The King County Wastewater Treatment Division intends to submit an application for a Hydraulic Project Approval Permit to the Washington State Department of Fish and Wildlife. Thus there is no administrative appeal of this DNS pursuant to RCW 43.21C.075, WAC 197-11-680, KCC 20.44.120 and King County Public Rule 7-4-1.

Statutory authority: RCW 43.21C.110. 84-05-020 (Order DE 83-39), §197-11-970, filed 2/10/84, effective 4/4/84

Environmental Checklist
for the
Bellevue Influent Trunk Replacement Project

July 8, 2010

Prepared in compliance with the State Environmental Policy Act (SEPA) (RCW 43.21C), the SEPA Rules (WAC 197-11), and Chapter 20.44 King County Code, implementing SEPA in King County procedures.

This information is available in accessible formats upon request at 206-684-1280 (voice) or 711 (TTY).



King County

Department of Natural Resources and Parks

Wastewater Treatment Division

King Street Center, KSC-NR-0505

201 South Jackson Street

Seattle, WA 98104

ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of the proposed project:

Bellevue Influent Trunk Replacement Project

2. Name of Applicant:

King County Department of Natural Resources and Parks
Wastewater Treatment Division

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

King County Department of Natural Resources and Parks
Wastewater Treatment Division
201 South Jackson
Seattle, WA 98104

Contact: Meredith Redmon, 206-263-6534

4. Date checklist prepared:

June 14, 2010

5. Agency requesting checklist:

King County Department of Natural Resources and Parks
Wastewater Treatment Division

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

Project construction is scheduled to begin in February 2011 and would last for approximately 24 months.

7. Plans for future additions, expansion, or further activity related to or connected with this proposal:

None.

8. Environmental information that has been prepared, or will be prepared, directly related to this project:

PBS Engineering and Environmental. Environmental Conditions Memo, June 2009

9. Applications that are pending for governmental approvals or other proposals directly affecting the property covered by the proposal:

None.

10. List of governmental approvals or permits that will be needed for the proposal:

City of Bellevue

Clear and Grade Permit

Right of Way Street Use Permit

Noise Permit

King County

Industrial Waste Discharge Permit

Puget Sound Clean Air Agency

Notice of Construction

Washington Department of Fish and Wildlife

Hydraulic Project Approval

11. Brief, complete description of the proposal, including the proposed uses and the size of the project and site:

The King County Wastewater Treatment Division (WTD) proposes to replace the existing Bellevue Influent Trunk (BIT) sewer line and a section of the City of Bellevue's (City) Central Business District (CBD) trunk line. To minimize prolonged construction impacts to the community, King County WTD and the City of Bellevue are coordinating construction efforts for this project.

The project is needed to bring both the BIT and the CBD up to acceptable capacities. The existing BIT sewer line has been estimated to have a 2 to 5-year peak flow level of service, which is below the standard 20-year peak flow level of service outlined in the Regional Wastewater Service Plan Conveyance Policies. The capacity in the City's existing CBD sewer line does not meet the City's future peak flow level of service.

The existing King County BIT sewer line collects flows from local sewer lines owned by the City. The BIT runs east along SE 3rd Street between 101st Avenue SE and 102nd Avenue SE and south down 102nd Avenue SE to the intersection with SE 6th Street, where it enters the Bellevue Pump Station. The existing BIT will be abandoned and replaced with approximately 1,600 lineal feet of new BIT trunk sewer ranging in diameter from 18 inches to 42 inches. The new BIT will follow the same route as the existing BIT. Lateral connections to the existing BIT sewer line from adjacent properties will be connected to the new BIT sewer line. The trunk line will be installed using cut and cover (open trench) construction methods except for the Meydenbauer Creek culvert crossing where auger boring methods will be used to install 41 feet of 30-inch PVC pipeline under the culvert inside of a 42-inch steel casing pipe. 10-foot by 20-foot entry and retrieval pits will be required for the auger boring construction method under Meydenbauer Creek. The pits will be about 12 to 13 feet deep.

The section of the existing CBD trunk line in the project area starts on SE 3rd Street at Bellevue Way SE and runs south and west through a residential neighborhood to 102nd Avenue SE before paralleling the existing BIT and entering the Bellevue Pump Station. Physical constraints prevent the City from upsizing and replacing this entire section of the CBD sewer line along its original alignment or running the line parallel to the existing King County BIT sewer line on 102nd Avenue SE. To solve this problem, approximately 636 lineal feet of new 24-inch and 21-inch CBD trunkline sewer will be installed along SE 3rd Street between Bellevue Way SE and 102nd Avenue SE, connecting to the new BIT sewer line at the intersection of SE 3rd Street and 102nd Avenue SE. See Figure 1.

WTD is proposing to construct two bypass pumping systems as part of the installation of the new CBD sewer line located on SE 3rd Street. The bypass pumping systems will be constructed in public right-of-way on Bellevue Way SE using either trenchless or open cut construction methods.

In addition, the existing CBD will be connected to the new BIT further south on 102nd Avenue SE as shown on Figure 1. The section of the existing CBD sewer line between that point and the Bellevue Pump Station will be abandoned. When the project is completed, CBD flows will be split between the original and new alignments.

12. Location of the proposal, including street address, if any, and section, township, and range; legal description; site plan; vicinity map; and topographical map, if reasonably available:

The project is located in Bellevue, Washington in Section 32, Township 25 North, and Range 5 East. The Bellevue Influent Trunk runs east along SE 3rd Street between 101st Avenue SE and 102nd Avenue SE and south down 102nd Avenue SE to the intersection with SE 6th Street where it enters the Bellevue Pump Station. The new CBD trunk line will run along SE 3rd Street between Bellevue Way SE and 102nd Avenue SE. See attached figure.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (underline):

flat, rolling, hilly, steep slopes, mountainous, other

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

The steepest slope associated with the project area is 20 %.

c. What general types of soils are found on the site (for example clay, sand, gravel, peat, muck)? Specify the classification of agricultural soils and note any prime farmland.

The soils found in the project area are Alderwood Material and Norma sandy loam. Alderwood Material is derived from Alderwood Soils that have been so disturbed that they no longer meet the classifications for Alderwood Soils. No portion of the project area is currently used for agriculture.

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

No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate the source of the fill.

A total of approximately 8,800 cubic yards of soil will be excavated during project construction and it is estimated that a maximum of 8,800 cubic yards of fill will be required. Fill material will be used to backfill excavations for pipes and associated structures. Excavated material will be used as backfill as suitable. Imported fill material will be used as needed and will generally consist of crushed rock, gravel or controlled density fill. Imported fill material will be obtained from local commercial sources.

f. Could erosion occur as a result of clearing, construction, or use?

Some erosion could occur during excavation and filling of trenches, but, erosion control measures will be used to minimize this potential. See section B.1.h. below for typical Best Management Practices that could 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 buildings or asphalt)?

The new BIT and CBD sewer lines will not increase impervious surface areas. Once the sewer lines are installed all areas will be restored to pre-construction conditions.

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

Appropriate erosion and sediment control measures will be installed prior to clearing, grading, or excavation activities.

Typical Best Management Practices (BMPs) that could be utilized to minimize the potential for erosion include:

- Installation of filter fabric fences around disturbed areas;
- Installation of silt traps in storm drainage inlets;
- Covering soil stockpiles and exposed solids;
- Regular street cleaning for mud and dust control;
- Regular inspection of erosion and sediment control measures;
- Restoration of disturbed areas by repaving or replanting as soon as

- practical after construction is completed;
- 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.

Temporary erosion and sediment control measures will be identified in the project's construction plans and specifications and would be implemented as required by the City (Bellevue City Code (BCC) Title 23.76).

2. Air

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

Existing wastewater conveyance system facilities are not known to be a source of air quality impairments in the project area. King County utilizes odor control equipment throughout the existing wastewater system to limit nuisance emissions.

Construction of the proposed pipelines could result in short term dust emissions from exposed soils and fossil fuel emissions from the operation of construction equipment.

No air emissions would result from the completed project.

A King County Greenhouse Gas Emissions worksheet is attached.

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

No.

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

Short term construction-related air pollutant emissions will be addressed by requiring proper maintenance of equipment, using electrically powered equipment where practical, and avoiding prolonged idling of vehicles and equipment. Spray water may be used to minimize dust if necessary.

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, and wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Meydenbauer Creek crosses the project alignment. An unclassified wetland associated with Meydenbauer Creek extends from 101st Avenue SE to 102nd Avenue SE, but, is not impacted by the project alignment. The City classifies Meydenbauer Creek as a Type F Water body. It is highly urbanized, flowing westerly through commercial and multifamily land uses before flowing into Lake Washington at Meydenbauer Bay.

- 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. The existing CBD sewer line is located over a pipe culvert that carries Meydenbauer Creek under SE 3rd Street and the existing BIT is located under a box culvert that carries Meydenbauer Creek under 102nd Avenue SE. The new CBD sewer line will not impact the culvert on SE 3rd Street. The new BIT sewer line will be installed under the existing culvert on 102nd Avenue SE using an auger boring installation method to avoid impacts to the creek.

- 3. Estimate the amount of fill and dredge material that could 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 materials.**

No materials will be placed in or removed from surface waters or wetlands.

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

No surface water withdrawals or diversion will occur as a result of the construction or operation of this project.

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

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map indicates the Meydenbauer Creek 100-year flood plain includes the culverts that carry Meydenbauer Creek under SE 3rd Street and 102nd Avenue SE.

- 6. Does the proposal involve 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 as part of this project.

b. Ground

- 1. Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

Groundwater will be encountered during open cut trench excavation of the proposed sewer lines and the launching and receiving pits for the trenchless portion of the new BIT sewer line alignment. Groundwater will need to be withdrawn from excavations during construction. King County expects that dewatering volumes could be up to 200,000 gallons per day during construction activities. Dewatering volumes will be discharged to either the King County sewer system or existing storm drainage systems in the City of Bellevue.

No groundwater withdrawals will occur once construction has been completed.

- 2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any. 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) is expected to serve.**

Small spills or leaks of motor oil, diesel fuel, or hydraulic fluid could occur during construction. See item B.3.d. below for measures to minimize potential for these materials to be discharged to the ground.

c. Water Runoff (including storm water)

- 1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (including 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 should infiltrate into the ground or be routed through temporary erosion and sedimentation control facilities prior to discharge to the existing King County sewer or the City of Bellevue's storm drainage system.

A stormwater pollution prevention plan (SWPPP) will be prepared for this project.

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

Soils could enter surface waters if proper BMPs are not implemented. Construction-related materials could enter ground or surface waters due to accidental spills, mechanical failures, or if construction activities deviate from the project specifications or permit conditions.

- d. Describe proposed measures to reduce or control surface, ground, and runoff water impacts, if any.**

Section B.1.h. discusses typical BMPs that will be used during construction to control erosion and sedimentation resulting from stormwater runoff. A stormwater pollution prevention plan (SWPPP) will be prepared for this project.

Additional construction BMPs that could be implemented to prevent the introduction of contaminants into surface water or groundwater during construction 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 keeping 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.

Dewatering water will be monitored and discharged to the King County sewer system or existing local storm drainage systems, depending in part on the quality of the dewatering water. Discharges of dewatering water directly to the storm drainage system will be routed through a settling tank, if necessary, to reduce turbidity.

4. Plants

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation: himalayan blackberry

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

Construction of the new BIT and CBD sewer lines could disturb vegetated areas adjacent to the right of way. Disturbed areas will be restored to pre-construction conditions.

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

A search of the Washington Department of Natural Resources (WDNR) 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 one mile radius of the proposed site.

d. Describe proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on site.

Any vegetation disturbed during construction activities will be replaced, where feasible, with similar vegetation following completion of construction.

5. Animals

a. Underline any birds and animals which have been observed on or near the site or are known to be on or near the site:

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

Amphibians: frogs, salamanders, other

Reptiles: lizards, snakes, turtles, other

Birds: hawks, heron, eagle, songbirds, ducks, other

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

b. List any threatened or endangered species or critical habitat near the site.

No threatened or endangered species are known to be located in the project vicinity.

c. Is the site part of a migratory 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.

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

None. No impacts to wildlife are anticipated as a result of this project.

6. Energy and Natural Resources

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

Not applicable.

- b. **Would the project affect the potential use of solar energy by adjacent properties? If so, explain.**

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.**

None proposed.

7. **Environmental Health**

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

Contaminated soil could be encountered during construction.

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

None.

2. **Describe proposed measures to reduce or control environmental health hazards.**

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

Project plans and specifications will include measures to handle contaminated soil or groundwater in the event any contamination is encountered during construction.

- b. **Noise**

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

None.

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

Short term construction-related noise will be generated along the new BIT and CBD sewer line alignments. The main source of noise will be from the operation of heavy equipment during excavation and installation of the new sewer lines. These types of equipment typically generate noise in the range of 75-90 dBA at a distance of 50 feet.

Replacement of certain sections of the existing BIT and CBD sewer lines will require temporary bypass operations to route wastewater around areas of active construction. Typical bypass pumping equipment includes diesel or electric pumps with an engine-driven generator. Sections of pipe will be bypassed using a series of pumps and bypass pipes placed on the ground. Bypass pumping operations will operate 24 hours a day for 3 to 8 weeks in each section of pipeline that is being replaced.

3. Describe proposed measures to reduce or control noise impacts, if any.

Bypass pumping equipment will be contained in sound attenuation enclosures located on the ground surface.

Other than bypass pumping operations, construction activity is generally anticipated to occur between the hours of 7 a.m. and 5 p.m. on weekdays and will comply with all applicable City of Bellevue noise regulations (BCC Title 9.18). Work outside of these hours will require a variance from the City.

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

- 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;
- 24-hour construction hotline to promptly respond to questions and complaints.
- Noise barriers if needed.

8. Land and Shoreline Use

a. What is the current use of the properties adjacent to the site?

Surrounding land uses include Wildwood Park and a transitional housing development at the north end of the alignment and multi-family residential development to the east, west, and south of the alignment with single-family residential development uses beyond.

b. Has the site been used for agriculture? If so, describe.

No.

c. Describe any structures on the site.

The project will occur in public right-of-way. A variety of structures are located near the proposed new BIT and CBD sewer line alignments.

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

No.

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

The site is zoned R-30.

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

The City's zoning designation for the alignment is Multi-Family (R-20 and R-30), a designation that is intended for moderate to high density residential developments.

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

The new BIT and CBD sewer line alignments are not within the City's Shoreline Overlay District.

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

Meydenbauer Creek crosses the new BIT sewer line alignment. However, no work will take place within Meydenbauer Creek or its associated buffers.

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

None.

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

None.

- k. Describe proposed measures to avoid or reduce displacement impacts, if any.**

Not applicable.

- l. Describe proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.**

The proposed project consists of underground pipelines that will not be visible following the completion of construction.

9. Housing

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

None.

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

None.

- c. Describe proposed measures to reduce or control housing impacts, if any.**

None proposed.

10. Aesthetics

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

Not applicable.

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

Construction will be visible to adjacent properties in the public right-of-way.

- c. Describe proposed measures to reduce aesthetic impacts, if any.**

None, these impacts will be temporary.

11. Light and Glare

- a. What type of light and 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.

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

None.

d. Describe the 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.

12. Recreation

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

Wildwood Park is located adjacent to the BIT sewer line alignment along SE 3rd Street. Wildwood Park has gardens, lawns, and benches available for public use.

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

Access to Wildwood Park will be temporarily disrupted during construction of the new BIT and CBD sewer lines on SE 3rd Street. Alternate access to Wildwood Park will be available from 101st Avenue SE and 102nd Avenue SE north of SE 3rd Street.

c. Describe proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant.

A safe detour route will be provided during construction activities on SE 3rd Street. Signage and other directional aides will be utilized to notify park users of construction and direct them to alternative ways to access the park.

13. Historic and Cultural Preservation

a. Are there any places or objects listed on or eligible for national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No.

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.

No known cultural resources are within the new BIT and CBD sewer line alignments.

c. Describe proposed measures to reduce or control impacts, if any.

Construction specifications will include language providing for proper treatment of historic or archaeological materials if they are encountered. If artifacts are uncovered during excavation, work will be stopped pending notification of and response from appropriate agencies.

14. Transportation

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

The new BIT and CBD sewer line alignments will be constructed in Bellevue Way SE, SE 3rd Street and 102nd Avenue SE right-of-ways. SE 6th Street accesses 102nd Avenue SE from the south and 101st Avenue SE provides access to the site from the west. Bellevue Way SE runs parallel to 102nd Avenue SE. See attached figure.

b. Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The nearest transit stop is located on the east side of the intersection of Bellevue Way SE and SE 3rd Street, serving north bound buses. Additional transit stops are located to the north and the south of this transit stop. There are no transit stops along the new BIT and CBD sewer line alignments running along SE 3rd Street and 102nd Avenue SE.

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

During construction of the new BIT and CBD sewer lines street parking along the alignments will be temporarily unavailable in the active construction zones. The loss of street parking will be temporary and will be restored after each section of pipeline is installed. The completed project will not result in the elimination of any parking spaces.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe.

No new roads, or improvements to existing roads, are planned as part of this project. Restoration of road surfaces impacted by the project will occur following completion of construction.

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

The project will not use water, rail, or air transportation.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

During construction a total of approximately 16 one-way vehicular trips will be generated on a daily basis during the 24-month construction period.

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

There are no long-term transportation impacts associated with either alignment. The new BIT and CBD sewer lines will be constructed in sections and one lane of open traffic will be maintained with a flagger at all times during construction activities.

During construction of the new BIT and CBD sewer lines there will be temporary closures of the northbound lane on 102nd Avenue SE from SE 3rd Street to SE 6th Street and temporary closures of the eastbound lane on SE 3rd Street between 101st Avenue SE and Bellevue Way SE. A 450-foot section of the western most southbound lane on Bellevue Way SE, starting north of SE 3rd Street, will also be temporarily closed during construction activities. The contractor will maintain one way northbound traffic flows on 102nd Avenue SE and one way westbound traffic flow on SE 3rd Street.

Installation of buried bypass pumping equipment associated with construction of the new CBD sewer line on SE 3rd Street will involve temporary 450-foot lane closures in Bellevue Way SE. Two northbound lanes on Bellevue Way SE near the intersection of SE 3rd Street and one southbound lane of Bellevue Way SE starting north of the intersection of Bellevue Way SE and SE 3rd Street will be temporarily closed during installation activities. The contractor will maintain traffic flow on Bellevue Way SE by working at night to avoid peak traffic flows and using flaggers and other devices to direct traffic. All work will be completed by August 15, 2010 to avoid impacting school bus routes on Bellevue Way SE.

King County WTD will work with METRO Transit to address impacts from construction activities on the transit stop located at the intersection of Bellevue Way SE and SE 3rd Street. Potential measures could include relocating the transit stop during construction activities.

Contractors will be required to comply with a traffic control plan approved by the City. Typical traffic control measures that could be implemented include:

- Provide detours;
- Provide flaggers;
- 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.

15. Public Services

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

No.

- b. Describe proposed measures to reduce or control direct impacts on public services.**

During construction, access to residences and businesses during the day will be restricted. WTD will work with affected parties in advance to make arrangements for access to homes and businesses during those times. WTD is pursuing temporary construction easements, where feasible, to construct alternate driveways along 102nd Avenue SE to maintain day time access to homes and businesses during construction. All driveway entrances will be restored at the end of each construction day.

When driveways are impacted during construction, emergency services will have access to the properties from the street right-of-way or from the adjacent properties. If necessary, special arrangements will be made with specific properties to ensure access during construction. Fire department requirements are being coordinated with the City in order to provide fire protection for all properties along the new BIT and CBD sewer line alignments during construction.

16. Utilities

- a. Underline utilities currently available at the site: Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic systems, other**

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

The proposed project involves increasing capacity in the sewer system serving east King County. The new BIT and CBD sewer line alignments will require relocation of the existing PSE power, Qwest telecommunications, and Comcast cable lines.

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: Kathleen Tomber for W.S.

Date Submitted: 7/8/10

Section I: Buildings

Type (Residential) or Principal Activity (Commercial)	# Units	Square Feet (in thousands of square feet)	Emissions Per Unit or Per Thousand Square Feet (MTCO2e)			Lifespan Emissions (MTCO2e)
			Embodied	Energy	Transportation	
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

Section II: Pavement.....

Pavement.....		22,330.00				1116500
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Total Project Emissions:

1116500

