

CITY OF LAKE FOREST PARK

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist

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

Instructions for applicants

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

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

Instructions for lead agencies

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

Use of checklist for nonproject proposals

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

A. Background [Find help answering background questions](#)

1. Name of proposed project:

Beach Drive NE Water Main Creek Crossing

2. Date checklist prepared:

October 22, 2024

3. Name of applicant:

North City Water District

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

Diane Pottinger
North City Water District
1519 NE 177th Street
Shoreline, WA 98155

1-206-362-8100

5. Agency requesting checklist:

North City Water District

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

Advertisement/Bid/Contract Execution – January 2025 through March 2025
Construction – April 2025 through June 2025

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

No

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

KPG Psomas. 2024. Critical Areas Memorandum: North City Water District -Beach Drive NE Water Main Creek Crossing. May 31, 2024.

Washington Department of Fish and Wildlife. 2023. Hydraulic Project Approval for Beach Drive NE Water Main Creek Crossing. Permit Number 2023-4-389+01. Issued July 20, 2023.

Cascade Trenchless Consulting. 2024. Trenchless Analysis and Design Report for North City Water District: Beach Drive NE Water Main Creek Crossing – Phase 3. Prepared for KPG Psomas. July 11, 2024.

Landau Associates. 2023. Geotechnical Engineering Report North City Water District - Beach Dr NE Water Main Creek Crossing, Phase 3 - Lake Forest Park, Washington. Prepared for KPG Psomas. July 17, 2023.

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.

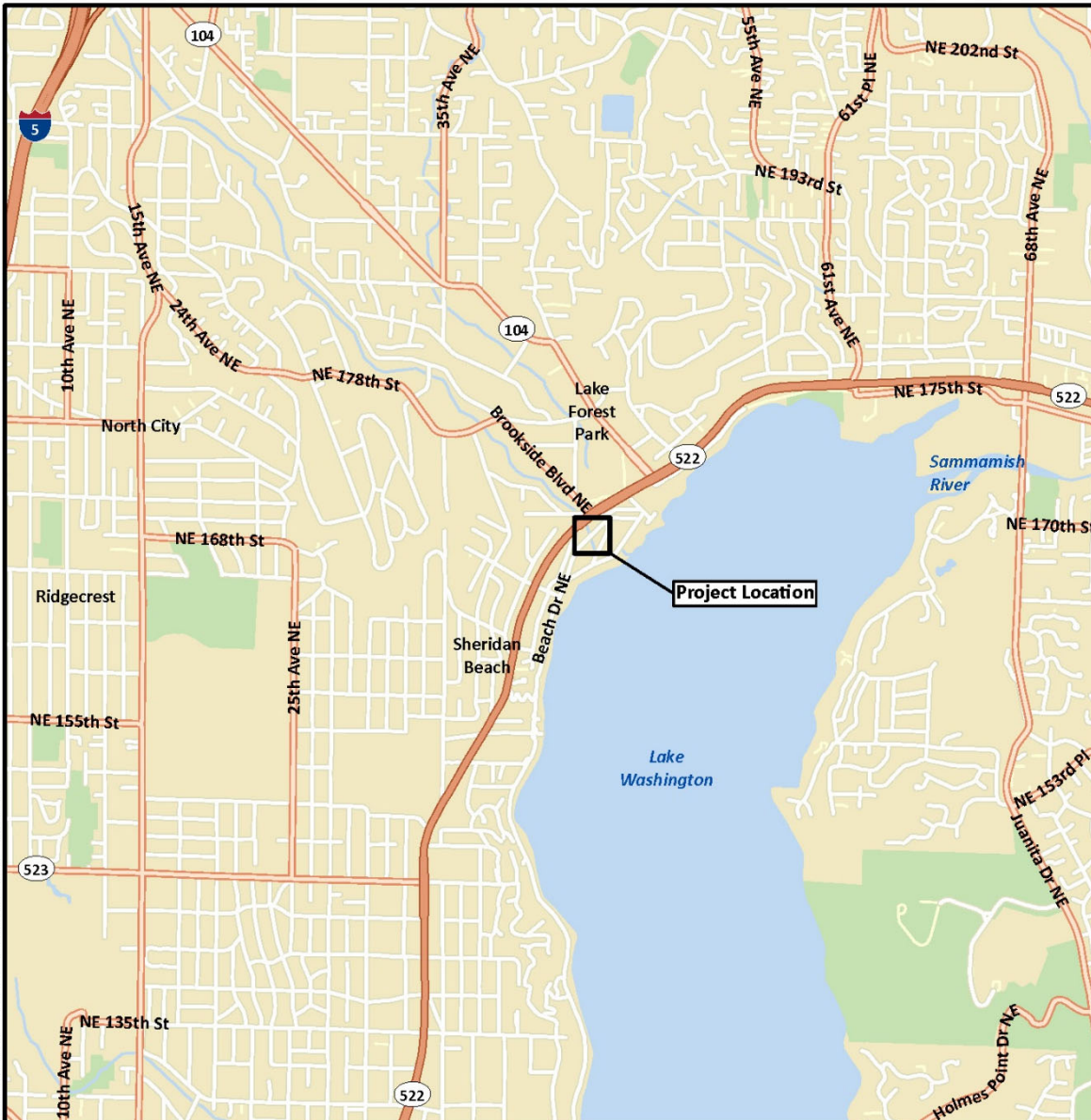
The project is currently awaiting Critical Areas and Right of Way approval from the City of Lake Forest Park Community Development Department

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

- Hydraulic Project Approval from Washington Department of Fish and Wildlife (Issued)
- Critical Area Work Permit and Right of Way Permit from City of Lake Forest Park (pending)

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

North City Water District's (District) existing water was installed in 1952 to 1953 within the "Sheridan Beach" neighborhood of the former unincorporated King County area. The project proposes to replace approximately 700 linear feet of existing 6-inch cast iron water main located under the roadway along a segment of Beach Dr NE from approximately 45th Ave NE intersection to 700 feet south of the same intersection. The proposed water main will be replaced in its current horizontal alignment and all work will occur within the road prism and right-of-way. Additionally, an approximately 550-foot-long (plan view length) section of the watermain, which is currently piped under the bridge on Beach Drive NE which crosses McAleer Creek, will be completed using horizontal directional drilling (HDD). This trenchless installation portion of the watermain replacement will relocate the main from a location above the OHWM (ordinary high water mark) to a location at least 30 feet under the bridge and below the McAleer Creek stream bed. Open cut trenching will only be required for the HDD access pits, water service installations and connections to the existing watermain. All excavation work will take place within the developed and paved roadway prism, with only extremely minor ground disturbance in unpaved portions of the project area which are limited to grass planter strips, gravel roadway shoulders, and paved driveways. The project will require a Lake Forest Park Right of Way permit and Traffic Control approval.



Data Source: Esri.

Beach Drive NE
Water Main Creek Crossing
Phase 3
Lake Forest Park, Washington

Vicinity Map

Figure
1



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B. Environmental Elements

1. Earth [Find help answering earth questions](#)

a. General description of the site:

Site is relatively flat and developed with single-family residences (zoning classification is RS-7,200 SF) along both sides of Beach Drive NE. The areas adjacent to the project site are dominated by developed parcels with paved driveways and walkways and landscaped yards consisting of mowed grasses, disturbance tolerant forbs, and ornamental tree and shrub species. No steep slopes or landslide hazard areas are mapped within the project area.

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

Less than 2%

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

The steepest slope in the project area is associated with the banks of McAleer Creek, and are approximately 6%.

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.

A review of NRCS soil data mapping (NRCS 2024) shows a mixture of Urban Land (approximately 60% of the total), Alderwood, and Everett soils. These soil types are not classified as wetland (hydric) soils but may include smaller areas of Mckenna soils.

Reference:

NRCS (National Resources Conservation Service). 2023. Web soil survey [online database]. U.S. Department of Agriculture, NRCS, Soil Science Division, Washington D.C. Available at: <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm> (accessed on April 3, 2023).

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

No steep slopes or landslide hazard areas are mapped within the project area and no such features were observed during the site visit.

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 purposes of any cuts and fills are purely associated with utility work and/or replacement of roadway features in kind. The project is a boring project utilizing horizontal directional drilling underneath McAleer Creek. The HDD process involves drilling a pilot bore along the planned subsurface alignment using a drill rig positioned at the ground surface. The pilot bore is drilled into the ground at a shallow

angle and steered in a concave curve under the creek, exiting at the ground surface on the far side. The borehole is then expanded (reamed) to a diameter that will accommodate the product pipe, and the product pipe is pulled in a continuous string into the borehole, using a pull-head attached to the drill rods and pulled by the drill rig. Spoils created during the drilling and reaming process will be removed from the borehole using bentonite drilling fluid, which is a specialized clay slurry that suspends cuttings and flushes them out of the borehole. The spoils are removed from the drilling fluid using a series of screens, and either deposited in a bin (similar to a dumpster) or contained with a heavy-duty tarp. The “clean” drilling fluid is recycled and re-used, and the spoils are regularly removed from the site via dump truck. No separate cuts and fills associated with grading will occur except for the boring entrance and exits and open cut tie-in trenches. The total plan view area of surface cuts is 1,200 square feet and the volume of excavation and backfill for utility trenching and surface restoration work amounts to 220 cubic yards. The trench backfill will be crushed surfacing meeting Washington State Department of Transportation gradations and be sourced from a King County pit selected by the Contractor after project award. The only other ground disturbance (outside of existing paved areas) is at ten locations where the water main will be reconnected to existing water meters and for installation removal of Airvac Assemblies (a maximum of 25-square feet of ground disturbance. The project will restore the existing grade in these areas and reseed vegetated areas with grass. This portion of the buffer is currently maintained public road right-of-way and provides essentially zero ecological function. As no trees, native or landscape, will be removed in the regulated riparian buffer, no functional impact to stream buffer areas will result from the project.

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

Erosion could occur as a result of construction activities, particularly earthwork. The potential for erosion will be minimized with adherence to the best management practices (BMPs) specified in the Plans and Specifications contained within the project plan set.

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

The project will not increase impervious surfaces from existing conditions.

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

BMPs are physical, structural, and/or managerial practices that can prevent or reduce the erosion and pollution of water caused by construction activities. The following mitigation measures and BMPs would be incorporated during construction:

- The project will be constructed during the dry season.
- Construction of the proposed improvements, including staging areas, will be restricted to the project site.
- Protective covering will be placed over any exposed soil areas to prevent sediments and other contaminants from entering McAleer Creek.
- Protective covering will be clear plastic sheeting, straw mulch, jute matting, or erosion control blanket per Ecology requirements.

- A TESC plan will be implemented during construction. Appropriate temporary erosion and sediment control BMPs will be applied to eliminate sediment entering adjacent waterbodies.

2. Air [Find help answering air questions](#)

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

During construction there may be a small increase in exhaust emissions from construction vehicles and equipment and a temporary and minor increase in fugitive dust, related to the use of diesel- and gasoline-powered construction equipment. The increase will be temporary and short-term, and no long-term emissions would result from this project.

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 odors that would affect the project.

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

Contractors would use best management practices to minimize construction-related emissions. These emissions are expected to be minimal. Construction equipment would also be equipped with the appropriate emission controls and BMPs for dust control, such as the use of water trucks to suppress dust, will be used.

3. Water [Find help answering water questions](#)

a. Surface Water: [Find help answering surface water questions](#)

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

A single stream, McAleer Creek, passes through the project area, where it is conveyed under Beach Dr NE by a roadway bridge. McAleer Creek originates in Snohomish County from Lake Ballinger and flows south roughly six miles before discharging into Lake Washington, approximately 200 feet downstream (southeast) of the bridge. WDFW (2024) PHS and NWIFC (2024) SWIFD databases, as well as City of Lake Forest Park Data (2014) indicate that McAleer Creek is a fish-bearing stream, classified as a "Type F" stream under both the City critical areas code (LFPMC 16.16.350) and the Washington State Department of Natural Resources (WDNR) stream typing (WAC 222-16-030).

No mapped wetlands are within, or adjacent, to the project area and no such features were observed during the site visit by a qualified wetland biologist (KPG Psomas, 2024).

References:

KPG Psomas. 2024. Critical Areas Memorandum: North City Water District -Beach Drive NE Water Main Creek Crossing. May 31, 2024.

NWIFC (Northwest Indian Fisheries Commission). 2024. Statewide Integrated Fisheries Database (SWIFD). Accessed on March 6, 2024 at: <https://geo.nwifc.org/swifd/>

WDFW (Washington Department of Fish and Wildlife). 2024. Priority Habitats and Species database. Accessed on March 6, 2024 at: <https://geodataservices.wdfw.wa.gov/hp/phs/>

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

The project will not require work over or in McAleer Creek, however HDD will be used to convey the waterline approximately 30 feet under the bottom of McAleer Creek. The vast majority of the work on the ground surface within 200 feet of the stream is confined to the excavation within the existing roadway prism. The very small areas of vegetation disturbance (a total of approximately 300 square feet over 6 areas) consist of mowed grass or landscaped areas which will be restored to their pre-project condition.

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.

The proposed project would not require any work within the boundary of any wetland or within the ordinary high water (OHWM) mark of any stream or wetland, so no fill or dredging would occur in these areas.

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

The project 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.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Maps, no work areas on or adjacent to Beach Dr NE are located within a 100-year floodplain. A 100-year floodplain is mapped within the McAleer Creek channel, just above OHWM. The project does not involve any work within the stream channel or 100-year floodplain.

Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

The proposal would not involve the discharge of waste materials to any surface waters.

b. Ground Water: [Find help answering ground water questions](#)

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

No groundwater would be withdrawn for drinking or other purposes.

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

No waste material will be discharged into the ground. All, but the soil cuttings/spoils that are removed from the borehole during the HDD borings will be suspended in bentonite drilling fluid at the point they are excavated by the drill bit at the end/bottom of the borehole. The drilling fluid and cuttings will flow back to the ground surface at the drill rig, where it is pumped to a slurry separation plant. At the separation plant, the cuttings/spoils are separated from the drilling fluid using a series of shaker screens and other devices. The “clean” drilling fluid is then pumped back to the drill rig to be re-used, and the cuttings are dumped out into a dumpster-type bin or other containment system. The contractor will have dump trucks circulating regularly to remove the cuttings from the site, and these will be taken to an approved acceptance facility. Occasionally, the spoils need to be dried before they can be transported, and if this is required BMPs will be employed on-site to contain all runoff.

The project does not involve waste material from septic tanks.

c. Water Runoff (including stormwater):

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

Stormwater runoff within the construction area makes its way into the roadway prism and then into City of Lake Forest Park storm water conveyance systems (pipes and catch basins), which eventually outfall to Lake Washington. The project will not alter the amount of impervious surface or drainage patterns.

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

There is the potential for runoff from construction, possibly containing small amounts of equipment-related materials such as motor oil, diesel fuel and hydraulic fluid, as well as sediment. BMPs would be implemented and installed to eliminate or reduce the potential for materials leaving the site and entering nearby surface waters.

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

The proposed project would not alter or affect drainage patterns in the vicinity of the project.

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

The project would be constructed in accordance with applicable City of Lake Forest Park permits, which would specify a range of BMPs and temporary erosion and sedimentation control (TESC) measures designed to reduce or control potential surface, ground, or runoff water impacts. BMPs may include installation of catch basin filters and/or other appropriate cover measures. BMPs and TESC measures specific to the site and project would be specified by the City in the construction contract documents, and the construction contractor would be required to implement them. The selected contractor is required to prepare a Stormwater Pollution Prevention Plan (SWPPP) and obtain a Washington Department of Ecology's (Ecology) Construction Stormwater General Permit, detailing the means and methods to manage runoff and water quality during project construction, and to implement the measures in the Plan.

4. Plants [Find help answering plants questions](#)

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

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

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

No native vegetation will be removed. A small amount of grass landscaping (300 square feet total over the entire project area) may be temporarily disturbed, but will be replanted/sodded in-kind.

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

No threatened or endangered plant species are either known or expected to be onsite based on a review of Washington Department of Fish and Wildlife (WDFW) Priority Habitats and Species Data (WDFW, 2024) and Washington State Department of Natural Resources Natural Heritage Program data (WDNR, 2024).

References:

WDFW (Washington Department of Fish and Wildlife). 2024. Priority Habitats and Species database. Accessed on March 6, 2024 at: <https://geodataservices.wdfw.wa.gov/hp/phs/>

WDNR (Washington Department of Natural Resources). 2023. Natural Heritage Program Data Explorer. Accessed: March 2024 at <https://www.dnr.wa.gov/NHPdataexplorer>.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation

on the site, if any.

No native vegetation will be removed. A small amount of grass landscaping (300 square feet total over the entire project area) may be temporarily disturbed, but will be replanted/sodded in-kind.

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

No invasive plants or noxious weeds are present on the site. Some non-native species from the adjacent residential parcels (e.g., Himalayan blackberry and reed canarygrass) has encroached onto the stream to the banks on the parcels along McAleer Creek immediately north of the bridge crossing and outside the project site.

5. Animals [Find help answering animal questions](#)

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

Examples include:

- **Birds:** hawk, heron, eagle, songbirds, other:
- **Mammals:** deer, bear, elk, beaver, other: racoon, opossum, and other small mammals
- **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 trout (*O. mykiss*), both listed as threatened under the Endangered Species Act, have been documented in McAleer Creek (NWIFC, 2024; WDFW, 2024).

References:

WDFW (Washington Department of Fish and Wildlife). 2024. Priority Habitats and Species database. Accessed on March 6, 2024 at: <https://geodataservices.wdfw.wa.gov/hp/phs/>

NWIFC (Northwest Indian Fisheries Commission). 2024. Statewide Integrated Fisheries Database (SWIFD). Accessed on March 6, 2024 at: <https://geo.nwifc.org/swifd/>

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

The Puget Sound area is located within the Pacific Flyway, which is a flight corridor for migrating waterfowl and other avian fauna. The Pacific Flyway extends south from Alaska to Mexico and South America. No portion of the proposed project would interfere with or alter the Pacific Flyway. In addition, McAleer Creek is a migration route for anadromous salmon.

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

The proposed project would not have any impacts on wildlife, therefore no measures have been proposed.

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

No animal surveys were conducted for this checklist. Invasive animal species likely to be in the area include rats and opossums, typical of a suburban area.

6. Energy and Natural Resources [Find help answering energy and natural resource questions](#)

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

No energy sources are needed for project operation as the project is limited to installation of waterlines, so no energy is needed once the project is complete. The project would require the use of fossil fuels during construction to power equipment.

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

This project would not affect the potential use of solar energy by adjacent property owners.

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

None, as the project does not involve the operational use of energy.

7. Environmental Health [Find help with answering environmental health questions](#)

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

As with any construction project, associated risks are leaks and spills from equipment. The risks of this project are within the typical range of construction projects. There would be no toxic or hazardous chemicals stored on site besides the fuels and oils needed to power equipment.

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

The Washington State Department of Ecology Facility/Site Database and What's in My Neighborhood Tool did not identify any contaminated sites within, immediately adjacent to, the project area. There are 4 identified sites within a 0.5-mile radius (Ecology, 2024). Of these sites, cleanup is complete on two of the sites and cleanup has started on the other two. The closest one of these sites to the project area is over 370 feet north of the project site, on the other side of SR 522.

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.**

There are no existing hazardous chemicals/conditions that might affect project development and design, nor any underground hazardous liquid and gas transmission pipelines located within the project area.

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.

Chemicals stored and used during construction would be limited to gasoline and other petroleum-based products for heavy equipment operation. Operation may include caustic cleaning products for facility maintenance; however no chemicals will be stored on-site during project operation.

4. Describe special emergency services that might be required.

The project would not require any special emergency services.

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

To minimize environmental health hazards, construction BMPs would be implemented. There would also be a spill plan in place.

b. Noise

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

There is vehicular traffic noise from several roads located within the area of the proposed project. The project is located along Beach Drive and also within 300 feet of 45th Ave NE and SR 522, a busy state highway. City streets are also adjacent to the project, and there is also noise from businesses along SR 522 and to recreational boaters on Lake Washington. These existing noise sources would not affect the proposed project.

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

There will be some temporary short-term increase in noise associated with the construction of the crossing and roadway improvements, including slight increases in vehicular traffic and the operation of heavy equipment. However, the noise would be limited to daylight hours. There are no anticipated operational (long-term) increases in noise, as the project does is not a transportation project, will not add vehicle lanes / capacity, and does not include on-site parking.

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

No measures are proposed to reduce or control noise during construction. However, project construction timing would follow the City's noise ordinance.

8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

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

The project site is currently a two lane city roadway. Adjacent properties are currently single-family

residences with associated landscaped yards. The proposal will not affect the current land uses or zoning on nearby or adjacent properties.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses because of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?**

The site is not currently used for working farmlands or forestlands and has not been previously used for working farmlands. No agricultural or forest land would be converted to other uses as a part of the project.

- 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 working farm or forest lands are located near the proposed project, so the project would not affect or be affected by farm or forest land operations.

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

The waterline route is within the road prism of Beach Drive NE. There is a roadway bridge over McAleer Creek. No other structures are on-site, although single-family residences are located along both sides of Beach Drive NE.

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

No structures would be demolished as a result of the project

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

RS-7,200 SF

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

Single Family Residential High

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

The project site is not located within a shoreline jurisdiction; therefore, there is no applicable shoreline master plan designation.

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

McAleer Creek and the associated stream buffer is designated as a critical area.

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

None as the project is within the road right of way.

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

The completed project would not displace anyone.

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

As the project does not have the potential for displacement, no mitigation measures are proposed

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

The project is compatible with the City of Lake Forest Park's Comprehensive Plan, as well as existing land uses, and will have no impact on existing and projected land uses.

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

The project is not located near any agricultural or forest lands, so no measures to ensure compatibility are proposed.

9. Housing [Find help answering housing questions](#)

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

The project would not provide any new housing units.

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

The project would not eliminate any new housing units.

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

The project would not result in any impacts to housing; therefore, no measures have been proposed.

10. Aesthetics [Find help answering aesthetics questions](#)

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

The project will occur on and under the ground surface. No structures are proposed.

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

The project will not obstruct or alter any view in the immediate vicinity of the project.

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

As the project will not result in aesthetic impacts, no reduction or control measures regarding aesthetics are proposed.

11. Light and Glare [Find help answering light and glare questions](#)

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

No lighting is proposed as part of the project, therefore the project will not produce light or glare.

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

No, as the project will not produce 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 or glare that may affect the proposal.

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

Not applicable, as there are no impacts to light or glare.

12. Recreation [Find help answering recreation questions](#)

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

No formal recreational opportunities are in the immediate vicinity. Informal recreational opportunities include walking, running, or bike riding along Beach Drive NE.

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

The project would not displace any recreational uses.

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

Not applicable, as no impacts to recreational uses.

13. Historic and Cultural Preservation [Find help answering historic and cultural preservation questions](#)

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

No such buildings, structures, or sites are located within, or immediately adjacent to the project site.

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.

Based on a review of the DAHP WISSARD, no precontact archaeological sites, historic register properties, or cemeteries have been recorded within, or adjacent to, the project area; however, the WISSARD search did identify the area as being within the ancestral territory of several Native American communities and a predictive model for the region has assigned the area as having high sensitivity for precontact cultural resources.

However, the site has been a roadway for decades, and thus the ground has been routinely disturbed within and adjacent to the project site. The project involves shallow ground disturbance within a road prism and is not expected to disturb the ground any deeper than past practices on-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 archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.**

The DAHP Washington Information System for Architectural & Archaeological Records Data (WISAARD) GIS dataset was used to evaluate historic and cultural resources present on-site. WISAARD is the state's digital repository for architectural and archaeological resources and reports. Searching the database and data entry for archaeological sites, historic properties, and cultural survey reports are its main functions.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.**

The project will develop an Inadvertent Discovery Plan (IDP) for the project and require the selected contractor to adhere to the plan during construction. This will ensure, in the unlikely case archaeological resources are encountered during project construction, the project will follow all DAHP recommendations and adhere to state law regarding notification and preservation requirements.

14. Transportation [Find help with answering transportation questions](#)

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

The site is accessed by Beach Drive NE.

- 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?**

No, the closest public transit route is on SR 522, 2 blocks north of the site.

- c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).**

No, the project will not result in any alterations to transportation facilities.

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

The project would not use or interfere with water, rail or air transportation.

- e. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?**

The completed project will not generate any changes in vehicular trips per day.

- 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 the movement of agricultural and forest products.

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

During construction, traffic control would be needed during project construction within the Beach Drive NE right-of-way. At least one lane of traffic will be open during construction.

15. Public Services [Find help answering public service questions](#)

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

The project would not result in the need for additional public services.

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

Traffic control during construction would be planned, sequenced, and administered to allow continuation of basic services during construction activities in the public right-of-way. The existing roadways would remain open to traffic during construction, although traffic may be subject to one-lane closures during active construction to avoid conflicts with construction that could pose a safety hazard.

16. Utilities [Find help answering utilities questions](#)

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:**
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

The District plans to replace and upgrade the existing, aged water system in this area. McAleer Creek crosses under an existing roadway bridge along Beach Drive NE within the City of Lake Forest Park, WA, city limits, not far from the location of the creek's downstream outlet to Lake Washington. The existing water piping distribution system currently dead-ends on either side of the existing bridge over McAleer Creek at Beach Drive NE with an abandoned water main section crossing the creek. The proposed District project will use horizontal directional drilling (HDD) to provide for the physical connection of the existing system under the creek, and in turn, complete a local loop of the water system and provide for improved system redundancy, service, reliability and fire flow.

An initial phase scope of work was performed previously to evaluate potential alternatives for the proposed water system crossing of McAleer Creek. The proposed project will consist of about 500 feet of 8-inch-diameter water main including the HDD of a portion of the piping under the bridge and creek. Individual residential services and hydrants will also be replaced within the project extents.

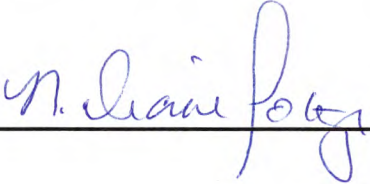
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). 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 Beach Dr NE Water Main Creek Crossing Project is located on Beach DR NE, between Shore Drive NE and 45th Avenue NE, in Lake Forest Park, Washington in the NE quadrant of Section 10, Township 26N, Range 4E (Willamette Meridian).

No additional utilities are needed for the project. North City Water District (the applicant) proposed to extend an existing waterline completing a loop of the water system and provide for improved system service, redundancy and reliability.

C. Signature Find help about who should sign

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

X  _____

Type name of signee: Diane Pottinger

Position and agency/organization: District Manager, North City Water District

Date submitted: 10/21/2024