



CITY OF LACEY
 Community Development Department
 420 College Street SE
 Lacey, WA 98503
 (360) 491-5642

OFFICIAL USE ONLY

Case Number: _____

Date Received: _____

By: _____

Related Case Numbers:

WAC 197-11-960
ENVIRONMENTAL CHECKLIST

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: [\[help\]](#)

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:

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

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

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

1. Name of proposed project, if applicable: [\[help\]](#)

Lift Station 6 Rehabilitation

2. Name of applicant: [\[help\]](#)

City of Lacey, WA

3. Address and phone number of applicant and contact person: [\[help\]](#)

420 College St SE, Lacey, WA 98503 - (360) 412-2895 – Gagan Brar, EIT

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

March 2023

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

City of Lacey

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

Design 2022-2024, Construction 2024-2025.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

No, there are no current plans for future additions, expansion, or future activities related to this project.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

The following reports/documents have been prepared relating to this proposal:

- **Draft Geotechnical Report by Geoengineers date June 2022**
- **Draft Critical Areas Report by ESA date October 2022**
- **Arborist Report - Tree Removal and Protection by Sound Urban Forestry (SUF) dated January 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. [\[help\]](#)

No pending applications for governmental approval.

10. List any government approvals or permits that will be needed for your proposal, if known
City of Lacey Conditional Use Permit

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

The proposed project is comprised of two major components as described below.

1. **Onsite rehabilitation of Lift Station 6.** The existing lift station site is approximately 0.12 acres and includes above and below grade infrastructure that will be removed, replaced or relocated as part of the rehabilitation work. A general overview of the proposed improvements is:

- Remove existing sewer lift station, valve vault and appurtenances.
- Remove and replace existing water meter, wash hydrant and water service.
- Remove and replace existing electrical panel and concrete pad.
- Remove and replace existing mechanical and electrical equipment.
- Remove and replace sewer manhole.
- Remove and replace existing diesel-powered emergency standby generator and concrete pad.
- As needed remove or abandon in-place existing sewer force main and gravity sewer.
- Convert existing offline storage structure into the new wet well.
- Duplex submersible station with constant speed motor controls
- Onsite roadway grading and resurfacing.
- 4-foot chain link fence and gate for security.

2. **Offsite replacement of underground utilities along 32nd Court SE to Ruddell Rd SE.** A general overview of the proposed improvements is:

- Abandon in-place approximately 510 linear feet (lf) of 6-inch diameter asbestos cement (AC) water main and replace with 6-inch diameter ductile iron water main.
- Abandon in-place approximately 620 lf of 4-inch diameter AC sewer force main and replace with 4-inch diameter ductile iron water main. Connect to existing discharge manhole in Ruddell Rd SE.
- Install approximately 45 lf of 12-inch diameter concrete storm pipe and three new catch basins.
- Complete HMA roadway restoration of 32nd Court SE from the end of the cul-de-sac to Ruddell Rd SE.
- Upgrade electrical power to lift station to 3-phase 480/277 from single-phase 120/240 from Ruddell Rd SE.

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

[\[help\]](#)

Lift Station 6 is located at 5611 32nd Court SE, Lacey WA, 98503 on City of Lacey property. The site spans two parcels numbered 83450100000 & 11828110801. Station

28, Township 18N, and Range 1W. The water main, sanitary sewer force main, and stormwater replacement runs from the Lift Station 6 site along 32nd Court SE and terminates at the intersection of 32nd and Ruddell Rd SE.

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

1. Earth

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

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

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

The steepest slope on the site is approximately 55% at the south end of the property. No construction activity will occur in this area. Erosion control measures and other BMPs will be implemented to mitigate impacts.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)

Two geotechnical borings were conducted at the Lift Station 6 site. (Geoengineers 2022)

- **Boring one was drilled to a depth of 26.5 ft below the ground surface. Based on these explorations, the site consists of fill material consisting of medium dense gravel with silt, sand and occasional cobbles extended to approximately 5ft. Underlying the fill was recessional outwash extending to the maximum depth explored.**
- **Boring two was drilled to a depth of 31.5 ft below the ground surface. Based on these explorations, the site consists of fill material consisting of medium dense silty sand with gravel and occasional debris (asphalt pieces) extended to approximately 8ft. A transition layer of medium stiff sand silt separated the underlying outwash soils of loose to medium dense silty sand and sand with silt to the depth of the maximum depth explored.**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

The slope immediately to the south of the lift station site shows indications of unstable and movement downslope into an offsite wetland. This slope likely meets the critical area of landside hazard and erosion hazard area. (Geoengineers, June 2022)

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

The Lift Station 6 rehabilitation work will be confined to previously disturbed areas. Excavation will be required to install new sewer manholes, valve vaults, on-site piping and minor grading. Excavation for on-site work is estimated to be approximately 125 cubic yards and fill required for on-site work is estimated to be approximately 105 cubic yards.

The underground utility replacement and roadway restoration excavation will include installation of water, sewer, and stormwater pipe and new stormwater catch basins. Excavation and fill for the underground utility replacement is estimated to be approximately 700 cubic yards.

Excavated material that is not suitable for backfill will be removed from the site and disposed of at an appropriate facility. Imported backfill will be from approved pits near the proposed lift station that meet specification requirements.

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

As with any construction project, erosion could occur during construction. Measures described below would be implemented to minimize the erosion potential.

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

The existing Lift Station 6 site includes approximately 42% (1,450 square feet) of impervious material, including HMA driveway, concrete pad, vaults and lift station support equipment. After construction the impervious surface will increase to 57.8% (1,996 square feet) to accommodate additional equipment and MHA driveway expansion.

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

Best management practices (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 to minimize the potential for erosion:

- **Construction of the proposed project, including all staging areas, would be restricted to the project sites.**
- **All debris and spoil material would be transported off-site to an appropriate disposal facility.**

- A Temporary Erosion and Sediment Control (TESC) Plan would be required to prevent sediment transport from the project sites.
- Erosion control measures could include use of silt fencing, catch basin inlet protection, and other measures as specified in the TESC.
- Refueling would take place more than 100 feet from surface waters where practical.
- Following construction, all disturbed areas would be restored. The operation and maintenance of the proposed lift station is not anticipated to result in any erosion.
- Other erosion control measures would be incorporated, as necessary, in accordance with City of Lacey requirements.

2. Air

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

During the lift station rehabilitation, there may be a small increase in exhaust emissions from construction vehicles and equipment and a temporary increase in dust. When the project is complete, vehicular traffic accessing the sites for periodic maintenance may cause a small increase in exhaust emissions.

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

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: [\[help\]](#)

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 emissions controls.

3. Water

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

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

The site is bordered to the south by a hillside which leads down to a category II wetland. The wetland is a depression and flats, palustrine forested/palustrine shrub scrub wetland feature. (ESA 2022)

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

Yes, the work at the Lift Station 6 site will be within 200 ft of a category II wetland. No work will be conducted within the boundaries of the wetland and BMPs will be implemented to mitigate impacts during construction.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

No material will be placed in or removed from surface water or wetlands.

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

No surface water withdrawals or diversions will be required.

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

The work for this project is not located within a 100-year floodplain (FEMA 2022)

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

The project will not involve any discharge of waste materials into surface waters.

b. Ground Water:

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

The project will not involve withdrawals from a well for drinking water or other purposes.

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

The project will not include waste material that will be discharged into the ground from septic tanks or other sources.

c. Water runoff (including stormwater):

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

Stormwater within the Lift Station 6 site will be diverted into the City's existing stormwater system. The exiting stormwater discharges from the south of the site to a wetland area that includes an unnamed swamp/marsh.

Roadway stormwater along 32nd Ct SE will be collected and flow into the existing catch basin at the east end of 32nd Ct SE. Flows will be conveyed through the existing stormwater system and discharging to the south of the lift station site.

No increased flows are anticipated as a result of the construction activities.

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)
Waste materials aren't anticipated to enter ground or surface waters. Best management practices will be incorporated into the design and construction process to reduce the potential for adverse effects to water resources.

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

Lift Station 6 proposed work will include the installation of a valley gutter along the access driveway and a new 24"x24" catch basin. The proposed improvements will divert site stormwater into the existing stormwater system. These actions will mitigate existing and future erosion impacts to the southern slope.

Underground utility work will include the installation of three new storm water catch basins within the cul-de-sac of 32nd Court SE. The new catch basins will tie into the existing stormwater system. No new grading activities or alterations to the exiting roadway drainage patterns will occur on 32nd Ct SE. Installation of the new catch basins is indented to better capture the existing sheet flow.

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

Mitigation measures during construction include:

- **Clearly define construction limits with stakes or flagging prior to the beginning of ground-disturbing activities. No disturbance would occur beyond these limits.**
- **Schedule excavation and grading work for dry weather.**
- **Minimize vegetation and soil disturbance to the maximum extent practicable.**
- **Restore buffer areas temporarily disturbed during construction.**
- **Vegetation removal would be minimized to the greatest extent practicable, and rapid revegetation of sites disturbed by construction would occur.**
- **Mitigation for impacts to wetland buffers will be provided in accordance with the City's critical area ordinance although impacts are not anticipated.**
- **Prepare and implement a Temporary Erosion and Sediment Control (TESC) plan which will include the use of silt fencing, straw wattles, among other measures to minimize the potential for direct effects related to soil disturbing activities.**
- **Sediment control measures include stabilizing all exposed and unworked soils and stockpile areas to prevent erosion, including seeding, mulching, plastic covering, sodding, and topsoiling.**

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

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

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? [\[help\]](#)

One 32-inch diameter 80 foot tall western red cedar along the west property line was identified as a high-risk hazard. It will be removed and the stump ground 16-18" below grade. No other vegetation has been identified for removal or alteration. (SUF Arborist Report, January 2023)

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

No threatened or endangered plant species or critical habitat are known to be on or near the project site.

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

No landscaping or other measures are anticipated at the Lift Station 6 site. Some minor impacts are expected to residential landscaping during the installation of the underground water main. All residential landscaping will be resorted to equal or better than existing condition.

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

No plant surveys were conducted for this project. No noxious weeds or invasive species have need identified.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [\[help\]](#)

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

No animal surveys were conducted for this project. However, using WSWF Habitats and Species Map and general assumptions of the expected species likely adapted to urban conditions in this area below is list of likely animals in the area.

- **Birds**: Wood Duck, American crow, rock pigeon, chickadee, robin, Steller's jay, northern flicker, and Bewick's wren.
- **Mammals**: Rats and other rodents, raccoon, squirrel, opossum, deer, and brown bats

- **Fish: N/A**
- **Amphibians: N/A**
- **Reptiles: N/A**

b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)
The US Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) listed the following threated species near the project site.

- **Yelm Pocket Gopher**
- **Marbled Murrelet**
- **Streaked Horned Lark**
- **Yellow-billed Cuckoo**
- **Bull Trout**

No critical habitats were identified.

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

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)
No impacts to wildlife are anticipated as a result of this project, therefore no measures have been developed.

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 such as rats and other species typical of an urban area.

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. [\[help\]](#)
The lift station will include electrical equipment, panels, motors, fixtures, receptacles, etc. Electric energy is required to operate the station controls, alarms and telemetry. A backup diesel powered generator will be installed to provide backup power during an emergency where electrical power service is interrupted.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)
The project will not affect the potential use of solar energy by 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: [\[help\]](#)
No energy conservation features are included in this project.

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. [\[help\]](#)

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

- 1) Describe any known or possible contamination at the site from present or past uses.
The Washington State Department of Ecology's Facility/Site database did not identify any contaminated sites within the direct vicinity of the lift station sites (Ecology 2023).

- 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 is the potential for construction workers to come into contact with untreated wastewater at the existing lift station.

- 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.
During construction, diesel fuel, and other petroleum products would be used.

During the operating life of the lift station, the standby emergency generator is equipped with a diesel tank capable of running 24 hours during an emergency situation when utility power is unavailable. The standby emergency generator will be equipped with a fuel tank containment for spill prevention.

- 4) Describe special emergency services that might be required.
The use of special emergency services is not foreseen to be a part of this project. Since the project is located in a residential area, emergency services would be notified of the project prior to construction.

- 5) Proposed measures to reduce or control environmental health hazards, if any:
The emergency generator will meet storage and secondary containment requirements.

b. **Noise**

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

There is minor residential vehicular traffic noise from 32nd Ct SE & Ruddell Rd SE.

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

Emergency generator would operate during power outages and monthly during routine testing. There would be short-term noise impacts associated with construction. No long-term noise impacts would occur from the project.

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

The standby generator at the lift station site will be enclosed within a sound-dampening weather enclosure. No noise impacts to nearby residences are not anticipated.

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. [\[help\]](#)

The Lift Station 6 site is bordered by low-density residential to the west and east. The property to the south is zoned as natural and connected to the City of Lacey owned wetland.

Underground utility work along 32nd Ct SE is within a low-density residential area. (Thurston County GeoData, 2023)

The project will have no affects to current land uses 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 as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

No, the project site has not been used as a working farmland or working forest land.

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, the project will not affect or be affected by working farms or forest land.

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

The lift station project is a rehabilitation of the existing lift station. Therefore, the original lift station infrastructure is on site.

- **Below grade: Lift station, storage structure, manholes, and vaults.**
- **Above grade: Electrical panel, backup generator, and concrete pads.**

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

Yes, some of the existing lift station structures will be demolished and removed. Including a sewer manhole, vault, electrical panel and concrete pads.

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

The Lift Station 6 site is zoned as low-density residential, LD 0-4 (Thurston County GeoData, 2023).

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

The project site is within the City of Lacey city limits and designated as part of the Urban Growth Area (Thurston County 2023).

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

Not Applicable

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

According to the Thurston County's permitting and property maps, the site is located within the following critical or regulated areas:

- 1. Level I critical aquifer recharge area.**
- 2. Groundwater sensitive area.**
- 3. A category II delineated wetland.**

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

No person would reside in the completed project. City of Lacey Maintenance and Operations staff will work at the completed project for routine maintenance on a weekly basis.

j. Approximately how many people would the completed project displace? [\[help\]](#)

No person would be displaced.

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

Since no displacement impacts are anticipated, no measures have been proposed.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

The project involves the rehabilitation of the existing lift station and the replacement of underground utilities within the right of way. All work is compatible with the existing land use.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The project is located in an urban area and would have no affect on agriculture and forest lands in the area.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

Does not apply - The project does not include housing.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

Does not apply - The project does not include housing.

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

Does not apply - The project does not include housing.

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? [\[help\]](#)

The lift station control cabinet awning is the tallest structure. It is an open-air galvanized steel structure standing approximately 8 feet tall.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

No views would be altered or obstructed.

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

The majority of the project's infrastructure is below grade. All above-grade structures are set back from the road with limited visibility from residences.

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

A LED security light will be shielded downward and as need in the evening.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

Light and glare from the completed project would not be a safety hazard or interfere with views.

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

There are no existing offsite sources of light or glare that may affect the proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

Site lighting will face down (shielded downward) and have a motion sensor to limit impact on neighbors.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

There are no informal recreational opportunities in the immediate vicinity. Hicks Lake is approximately 0.3miles from the lift station site, but no known trails connect to the site.

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)
The proposed project would not displace any existing recreational opportunities.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)
The project is not anticipated to impact recreation opportunities, therefore, no measures have been developed.

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 located on or near the site? If so, specifically describe. [\[help\]](#)
There are no properties listed on or determined eligible for listing on the Nation Register of Historic Places or Washington Heritage Register within or adjacent to the property area (DAHP, 2023).
- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)
No evidence of Indian or historic use or occupation has been identified. No professional studies have been completed for this site, which is considered a disturbed area.
- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

According to National Register of Historic Places or Washington Heritage Register, the site is in an area designated as a moderate to moderate-low risk for discovery of archaeological resources.

- 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 City of Lacey will comply with state laws requiring the protection of cultural resources and human remains (RCW 27.53, RCW 27.44, RCW 68.50, and RCW 68.60). The City will temporarily halt work in the immediate vicinity of the identified resources

and notify Thurston County, DAHP, and Affected Tribes to negotiate mitigation and/or avoidance measures.

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. [\[help\]](#)

Lift Station 6 is served by 32nd Ct SE. The underground utility work along 32nd Ct SE terminates at Ruddell Rd SE.

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

The site is not currently served by transit, the nearest transit stop is located approximately 100 feet south the intersection of 32nd Ct SE & Ruddell Rd SE, and will not be impacted by the project.

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

No additional parking spaces are included as part of this project. The project would not eliminate any existing parking spaces.

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

No new improvements to existing roads, streets, pedestrian bicycle, or state transportation facilities as part of this project. As part of the lift station rehabilitation and underground utility replacement, the lift station access road and 32nd Ct SE will require portions to be removed and restored. Restoration will include in-place roadway (HMA) pulverization, grading and HMA surface paving.

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

The project would not occur in the immediate vicinity of water, rail or air transportation.

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

The completed project would not generate any daily vehicular trips to the area after construction is complete. After construction the lift station would be visited periodically for routine maintenance.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

The project would not interfere, affect or be affected by the movement of agricultural and forest products.

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

No impacts to transportation are anticipated as a result of the project, therefore no measures have been proposed.

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. [\[help\]](#)

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. [\[help\]](#)

Impacts to public services are not anticipated, therefore, mitigation measures have not been developed.

16. Utilities

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

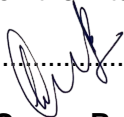
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

Electrical service (Puget Sound Energy), water (City of Lacey), communications (Comcast) and sanitary sewer (City of Lacey) are currently onsite and will be replaced or modified as part of the rehabilitation work. Electrical service will be coordinated with Puget Sound Energy as will the communication provider.

C. SIGNATURE [\[HELP\]](#)

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

Signature:  _____

Name of signee: **Gagan Brar, EIT**

Position and Agency/Organization: **Civil Engineer - Utilities, City of Lacey, Public Works, Water Resources**

Date Submitted: **2023-07-06**

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS [\[help\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.