

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

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

Instructions for applicants:

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

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

Instructions for Lead Agencies:

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

Use of checklist for nonproject proposals:

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

A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable: **City of Sultan Wastewater Treatment Facility (WWTF) Upgrade**
2. Name of applicant: **City of Sultan Public Works**

3. Address and phone number of applicant and contact person: **Nate Morgan**
319 Main Street/PO Box 1199, Sultan, WA 98294
4. Date checklist prepared:
September 2021
5. Agency requesting checklist:
City of Sultan
6. Proposed timing or schedule (including phasing, if applicable):
The City of Sultan is scheduled to start construction in the spring of 2022.
Construction is anticipated to take two years.

Additional upgrades are anticipated to be constructed in 2030 in order to meet expected growth estimates.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Based on flow and load projections in the Wastewater Treatment Plant Facility Plan, additional improvements will need to be completed in 2030, including:
 - **Construction of a fourth secondary clarifier, UV system upgrades and improvements to the solids handling facilities to produce Class A biosolids.**
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
 - **City of Sultan, Shoreline Substantial Development Permit application for work within 200 feet of the Sultan and Skykomish rivers**
 - **City of Sultan Flood Hazard Permit (City)**
 - **Critical Areas Permitting. (City)**
 - **Grading permit (City)**
 - **Landscaping plan (City)**
 - **Hydraulic Project Approval (WDFW)**
 - **Clean Water Act Section 404 permit for work in wetlands and installation of the new outfall in the Skykomish River (USACE).**
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.
 - **City of Sultan SEPA Checklist (and DNS) for their Wastewater Facilities Plan.**
10. List any government approvals or permits that will be needed for your proposal, if known.
 - **Hydraulic Project Approval (WDFW) for outfall replacement**
 - **Clean Water Act, Section 404 Permit for outfall installation into waters of the U.S.**
 - **City of Sultan Flood Hazard Permit for work within the 100-year floodplain.**
 - **City of Sultan Grading Permit.**

- **City of Sultan No-Rise Certification for encroachments within the 100-year floodplain and compensatory mitigation for new floodplain fill required for construction of the second oxidation ditch, aerobic digesters, secondary clarifier splitter box and new secondary clarifier.**
- **Shoreline Conditional Use Permit (City)**

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.)

The proposed improvements/upgrades to the City's existing WWTF will generally include the following:

- **Construction of a new headworks which includes screening, grit removal, a splitter box to split flows equally between the two oxidation ditches, and a screenings/grit dumpster storage building.**
- **Extension of the existing force mains from the Main Sultan Pump Station to the new headworks.**
- **Construction of a new pump station and associated forcemain serving West Sultan.**
- **Construction of a second oxidation ditch with diffused aeration.**
- **Modifications to the existing oxidation ditch to include replacement of the existing brush rotors with diffused aeration.**
- **Construction of a new secondary clarifier splitter box designed to split flows between the four secondary clarifiers (one clarifier will be constructed in the future).**
- **Construction of a third secondary clarifier and installation of new launder covers on all three clarifiers.**
- **Construction of new dedicated return activated sludge pumping systems for each secondary clarifier.**
- **Modifications to the existing Plant Drain Pump Station.**
- **Construction of a new waste activated sludge pumping systems at Secondary Clarifiers No. 2 and 3.**
- **Modifications to the existing Equipment Building required to house the new aerobic digester and oxidation ditch blowers.**
- **Expansion of the existing effluent pump station to accommodate projected year 2039 peak flows.**
- **Modifications to the existing effluent pump station wet well to allow installation of two new non-potable water pumps and tablet chlorination system.**
- **Construction of a new outfall into the Skykomish River to accommodate 2039 flows.**
- **Construction of two new aerobic digesters to provide additional solids treatment.**

- **Construction of a new solids handling/biosolids storage building to house the biosolids processing equipment and store biosolids for up to three months. The building is initially being construction to allow installation of the additional equipment required to and produce Class A biosolids in the future.**
- **Construction of a new odor control system to serve the headworks and solids handling/biosolids storage building.**
- **Installation of new power distribution equipment and a new standby generator to serve all critical loads at the WWTF.**

The current project will be designed to expand the capacity of the WWTF to treat a Maximum Month Average Day, Maximum Day and Peak Hour flows of 1.1, 2.76 and 4.45 MGD, respectively. The design will also accommodate a future expansion to treat the projected year 2039 design Maximum Month, Maximum Day and Peak Hour flows of 1.46, 3.42, and 5.51 MGD, respectively.

The existing WWTF is located on 2.5 acres, located between the Sultan River, to the north, and US Highway 2, to the south. The WWTF upgrades will expand the facilities footprint on to an adjacent 0.43-acre lot to the west.

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 Sultan WWTP is located at 203 W. Stevens Avenue, Sultan, Washington 98294.

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

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

- a. General description of the site:

The Sultan WWTP is located on the hillside on the north side of the 100-year floodplain associated with the Sultan and Skykomish rivers, and is generally at a higher elevation than the City-owned Sportsman's Park recreational fishing and parking area to the east and south. The ground elevation along the Sultan River drops several feet across the project area en route to the Skykomish River confluence, just downstream of US Highway 2. The base flood elevation along the Sultan River rises from 117 feet (NAVD 1988) at the south end of the proposed oxidation ditch to an elevation of 119.1 at the north end of the existing headworks.

The proposed Headworks and Solids Handling Building will be constructed a site near the intersection of Marcus Street and US Highway 2 with a finished ground surface elevation of 127 (NAVD 88), which is well above the 100-year floodplain.

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

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

Approximately 10%

- 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.

The soils generally sand and gravel.

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

There are no surface indications or history of unstable soils in the immediate vicinity. There is a low to moderate risk of liquefaction with potential settlement in the range of 1 to 2 inches.

- 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.

Approximately 6500 cubic yards of soils will be excavated for installation of the new West Sultan Pump Station, force mains, new secondary clarifier splitter box, new secondary clarifier, new oxidation ditch, new aerobic digesters and associated pipelines.

Approximately 3,000 cubic yards of fill material, from approved quarries, will be required to backfill around the new structures. The backfill will only bring the site around these structures back to existing grade. The new structures will all be constructed with top of wall or finished floor elevations that are a minimum of three feet above the 100-year flood elevation (as required by Sultan Municipal Code (SMC) Section 17.08.140).

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

Yes, erosion may occur when the site is cleared and excavation activities take place during times of prolonged and/or intense wet weather events.

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

The existing WWTP structures occupy approximately one-third of the project site. Once the new oxidation ditch, clarifiers and aeration basins and headworks structures are installed, the site will be closer to 50% impervious surfaces.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Construction requiring extensive excavation will be scheduled for the late spring and summer months to minimize erosion potential. Best Management Practices for the Control of Sedimentation and Erosion will be implemented to stabilize soils disturbed by construction. Areas not paved or covered with new treatment structures will be planted with grass and other native vegetation to minimize erosion potential during heavy rains and seasonal flooding.

2. Air [\[help\]](#)

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

Minor amounts of exhaust from diesel and gasoline-powered construction vehicles and equipment will be generated during construction of the proposed Sultan WWTP improvements. The new headworks screening and grit channels will be covered and vented to a new odor control facility, along with other foul air sources in the screenings dumpster storage building and the new Solids Handling/Storage Building. The new odor control system will utilize a blend of adsorbent media (activated carbon, potassium permanganate, etc.) to remove H₂S and other organic compounds from these air sources prior to discharge.

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

No

- c. `Proposed measures to reduce or control emissions or other impacts to air, if any:
The new headworks facility and the Solids Handling/Storage will be vented to a new adsorbent media odor control system that will treat the foul air from these locations to minimize the generation and release of objectionable odors into the surrounding areas. This should reduce odor emissions below current levels since neither the existing headworks or Solids Handling Building are odor controlled.

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

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

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

The Sultan River skirts the area around the WWTF to the north and east as it flows south to the confluence with the Skykomish River just south of US Highway 2.

Portions of the WWTF infrastructure (existing clarifiers, oxidation ditch, Equipment Building, sludge holding tank and effluent pipelines and outfall structures) are located within the 100-year floodplain. A new (second) oxidation ditch, a new secondary clarifier splitter box, a third secondary clarifier and two new aerobic digesters will be installed within the 100-year floodplain. The new influent forcemain, effluent pipeline and outfall will be installed within the floodway of the Skykomish River.

- 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.

Construction of the new influent forcemain and new effluent pipeline and outfall will occur within 200 feet of both the Sultan and Skykomish rivers.

Compensatory mitigation will also be required on the east side of the Sultan River to off-set the floodplain fill that will be required for the proposed WWTF improvements. While it lies within the 100-year floodplain, the area proposed for compensatory mitigation is more than 200-feet from the Sultan River.

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

The work to replace the existing treatment plant outfall to the Skykomish River with a new outfall and pipeline will be within the same alignment as the existing outfall. The existing outfall will also be removed as part of this project.

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

No

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

Yes, the foundation bases for the second oxidation ditch and aerobic digester structure, the secondary clarifier splitter box and the third secondary clarifier will be located within the 100-year floodplain of the Sultan and Skykomish rivers (FIRM Panel 53061C 1402F, 6/19/2020). The new influent force main and effluent pipeline and outfall will also be located within the 100-year floodplain of the Skykomish River. The proposed WWTF improvements will add a total of 51,300 cubic feet of fill within the 100-year floodplain of the Sultan and Skykomish rivers.

This fill volume is primarily associated with the new oxidation ditch, aerobic digesters, secondary clarifier splitter box, secondary clarifier, and RAS/WAS structures. Compensatory mitigation for this fill volume will include removing an equal volume from two City owned properties on the east side of the Sultan River almost directly opposite the treatment plant site.

- 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.

Yes, the WWTF discharges municipal wastewater to the Skykomish River under NPDES Permit No. WA0023302. The WWTF will be designed to accommodate a Maximum Month Average Day Flow of 1.100 MGD and a Peak Day flow of 2.76 MGD in 2030, with future upgrades to accommodate Maximum Month and Peak Day Flows of 1.459 MGD and 3.42 MGD, respectively.

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

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

No.

- 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.

None

c. Water runoff (including stormwater):

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

The areas served by the existing stormwater system will continue to collect stormwater runoff generated within the existing WWTF site and route it through the treatment plant using the existing stormwater conveyance system and discharge this runoff to the Sultan River. Stormwater collected from the new portion of the treatment plant site abutting Marcus Street will be collected and routed to a new stormwater infiltration system and will not be discharged to the Sultan River.

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

Yes. Wastewater treated to secondary standards is discharged to the Skykomish River in accordance with the WWTF NPDES Permit.

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

Yes. The existing drainage will be modified as part of this project. As noted above, stormwater from the existing site will continue to be routed through the existing stormwater collection system and discharged to the Sultan River, while the stormwater collected from the new site area adjacent to Marcus Street will be infiltrated to ground.

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

The WWTP outfall to the Skykomish River will be replaced and stormwater facilities associated with new WWTP components will be constructed to convey flows to the to the new stormwater infiltration system.

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

- 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?

Vegetation on the sites proposed for the new headworks, oxidation ditch and secondary clarifier is limited to grass that has been planted and maintained since the WWTP was constructed and a few deciduous trees. Vegetation along the route of the new influent pipeline and outfall to the Skykomish River includes some grass area with a few native shrubs, but this area primarily consists of gravel surfacing.

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

No threatened or endangered plant species were identified in the project area on the USFWS IPaC species list for this project, generated on August 18, 2021.

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

Areas disturbed during construction of the proposed WWTP improvements that are not covered with structures, graveled or repaved, will be planted with grass and native vegetation to stabilize soils.

- e. List all noxious weeds and invasive species known to be on or near the site.
None known.

5. Animals [\[help\]](#)

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

Examples include:

birds: __, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other: **wolverine**
fish: bass, salmon, trout, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site.
The USFWS IPaC Species List for the Sultan WWTP Improvements included the following species:

- **Gray Wolf**
- **Marbled Murrelet**
- **Yellow-billed Cuckoo**
- **Oregon Spotted Frog**
- **Bull Trout**
- **Designated Critical Habitat for bull trout is present in the Skykomish River.**

ESA-listed species under NMFS jurisdiction present in the Skykomish and Sultan rivers include:

- **Puget Sound Chinook Salmon**
- **Puget Sound Steelhead**

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

Yes, the City of Sultan and the Sultan WWTF is located along the Pacific Flyway for migratory waterfowl. The Skykomish River is also migratory habitat for Chinook, coho, chum and pink salmon and for bull trout and cutthroat trout.

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

WWTF upgrades will ensure adequate wastewater treatment and disposal to the Skykomish River, which will protect migratory habitat for Pacific salmonids and habitats for other fish and wildlife in the project vicinity.

- e. List any invasive animal species known to be on or near the site.
None known.

6. *Energy and Natural Resources* [\[help\]](#)

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

Electricity will be used to operate the treatment facility.

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

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:

High efficiency pumps and blowers and VFDs will be used along with control algorithms that are designed to minimize energy consumption associated with new and existing WWTF components.

7. *Environmental Health* [\[help\]](#)

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

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

None known.

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

None

- 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.

Bleach and other cleaning supplies will be stored on the site to assist with miscellaneous cleaning and disinfection. As part of a the future improvements associated with producing Class A Biosolids, lime would be stored at the WWTF, but these facilities are not part of the current upgrade project.

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

None anticipated.

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

Construction equipment will be equipped with hazardous materials spill clean-up kits and first aid kits in the event of accidents and operators will be trained in their use.

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 a long-term basis (for example: traffic, construction, operation, other)?
Indicate what hours noise would come from the site.

Short-term noise associated with construction vehicles and equipment will be generated during City approved working hours. Long-term noise associated with the general facility operation will not exceed current background noise generated by the current operations.

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

Mufflers on construction vehicles and equipment will be properly operated and maintained during project implementation. The new emergency generator will be housed in a sound-attenuating enclosure.

8. *Land and Shoreline Use* [\[help\]](#)

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

The WWTF Site is zoned as Public & Institutional Overlay Zone and adjacent properties are zoned Highway Oriented Commercial and Moderate Density Residential.

No.

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

No.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No

- c. Describe any structures on the site.

The project site is currently used as a wastewater treatment plant, which includes a headworks structure, an oxidation ditch with a building on top, two secondary clarifiers, and a mechanical biosolids building.

- d. Will any structures be demolished? If so, what?
No
- e. What is the current zoning classification of the site?
Current WWTF site is zoned "Public and Institutional Overlay Zone.
- f. What is the current comprehensive plan designation of the site?
The Comprehensive Plan designation is Public and Institutional Overlay Zone.
- g. If applicable, what is the current shoreline master program designation of the site?
The Sultan River shoreline is designated as "Public and Institutional Overlay Zone ."
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
Yes, the lower portion of the WWTF site is located within the 100-year floodplain of the Sultan and Skykomish rivers. The floodplain area adjacent to the WWTP site is designated as "Public and Institutional Overlay Zone ."
- i. Approximately how many people would reside or work in the completed project?
No one will reside at the WWTF site. Between 2 and 4 operators and maintenance personnel will work at the site.
- j. Approximately how many people would the completed project displace?
None.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
None required.
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
None. The City has operated this facility since 1970 and will continue to do so in the future.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
None

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

- 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. Proposed measures to reduce or control housing impacts, if any:
None required. The proposed WWTP improvements will accommodate future housing development in Sultan.

10. *Aesthetics* [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
The new Solids Handling/Biosolids Storage building will be approximately 20 feet tall. The exterior building material will be a mix of smooth and split faced CMU.
- b. What views in the immediate vicinity would be altered or obstructed?
None.
- b. Proposed measures to reduce or control aesthetic impacts, if any:
Disturbed area that will not contain structures will be revegetated in kind. Sound mitigation measures and the new odor control system should reduce noise and odor from the site compared to existing conditions.

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

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
New area lighting is proposed as well as new lighting at the headworks and Solids Handling/Biosolids Storage Building structures. Lighting will be on photocells and active during night time hours.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
It should not be, lighting will be directional and angled toward the interior of the site.
- c. What existing off-site sources of light or glare may affect your proposal?
None.
- d. Proposed measures to reduce or control light and glare impacts, if any:
Facility yard lighting will be directed toward the interior of the site to minimize light and glare impacts to nighttime traffic along US Highway 2.

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

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Sportsman's Park is located immediately east of the WWTF. Recreational fishing and boating activities are supported by Sportsman's Park.

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

No

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

Construction of the proposed influent pipeline and outfall replacement at Sportsman's Park will be adequately flagged and traffic will be detoured around construction area.

13. Historic and cultural preservation [\[help\]](#)

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

While portions of the Sultan WWTP are approaching 50-years of age, the Department of Archaeology & Historic Preservation WISAARD Database did not identify any buildings, structures or sites that are in or eligible for listing in national, state or local preservation registers in the immediate project vicinity.

- 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.

There are no known landmarks, features or other evidence of Indian or historic use of the WWTP site. However, the site's proximity to the confluence of the Sultan and Skykomish rivers would suggest past use of the surrounding area by Indians and early settlers.

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

The Department of Archaeology's WISAARD Database was reviewed for resources of potential historic or cultural significance. While there are a few houses and other buildings in the Sultan and Startup areas that are on or eligible for historic registers, none of these were identified in the immediate vicinity of the WWTF.

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

The proposed improvements to the Sultan WWTP will be constructed on the existing site, which has been largely disturbed by construction and operation of these facilities since they were installed in 1970. The new oxidation ditch will be constructed in the same location as the original oxidation ditch structure that was built in 1970 and decommissioned and removed at the end of its useful life. The third secondary clarifier will be constructed in close proximity to the two existing clarifiers on a site that has been disturbed since the WWTPs original construction. The new

headworks will be constructed at a higher elevation along Marcus Street that is less sensitive site than areas in the floodplain.

The Department of Archaeology and Historic Preservation and potentially concerned Native American Tribes will be consulted in accordance with Section 106 of the National Historic Preservation Act and/or Washington Governor's Executive Order 21-02, as required by the conditions of federal or state funding and federal permits. Cultural resources assessments will be prepared by professional Archaeologists as required.

14. **Transportation** [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.
Access to the existing WWTF site is currently provided off of Albion Street, via US Highway 2. Additional access from Marcus Street will be added to provide direct access to the new headworks and Solids Handling/Storage Building.

- 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?
Yes. Community Transit Routes 270, 271 and 277 provide bus service along US Highway 2 past the WWTP site.

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

Three additional parking spaces will be provided on the property adjacent to Marcus Street. No parking spaces will be removed.

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

No

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
Yes, the proposed replacement of the existing effluent pipe and outfall structure will occur within navigable waters of the Skykomish River.

- 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?

The project should not result in an increase in vehicle trips. In fact, the truck trips should be reduced because the new site will accommodate larger biosolids haul trucks, reducing truck trips to one or two a month, which is below the current levels

- 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.
No
- h. Proposed measures to reduce or control transportation impacts, if any:
Timing of deliveries of over-sized structures and equipment to occur during periods with lower traffic volumes would help to mitigate any construction-related traffic impacts.

15. Public Services [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.
No, the long-term operation of the WWTF will be completed by current City staff.
- b. Proposed measures to reduce or control direct impacts on public services, if any.
None

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

- a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____
- c. 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.
To accommodate the increase power demands, a second electrical service will be provided by Snohomish County PUD.

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: James D. Dochowitz

Name of signee JAMES D. DOCHOWITZ

Position and Agency/Organization ENVIRONMENTAL PRACTICES, GEORGE CORROONE, INC.

Date Submitted: 9-30-2021