

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 non-project proposals:

For non-project proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NON-PROJECT 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 Monroe – 2022 Engineering Report
2. Name of applicant:
City of Monroe Public Works Department

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

**John Lande
City of Monroe
Public Works Department
806 West Main Street
Monroe, WA 98272
360-863-4502**

4. Date checklist prepared:

March 2022

5. Agency requesting checklist:

City of Monroe

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

Accept the 2022 Engineering Report – fall 2022. The report includes a list of recommended projects to ensure the City of Monroe remains compliant with the 2019 NPDES Permit, Permit WA0020486.

A tentative schedule for the recommend WWTP improvement is included as follows:

- **CIP 1: pH and Filament Control – In Construction, Completion in 2022**
- **CIP 5: Solids Treatment and Handling Upgrades – Plan for Construction Starting 2023**
- **CIP 3: Secondary Treatment Upgrades – Plan for Construction Starting as Early as 2027 (Dependent on Nutrient General Permit requirements)**
- **CIP 6: Plantwide Pump and UV Disinfection Upgrades – Plan for Construction Starting 2029**

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

Currently no other additions, upgrades, or expansions of the WWTP are planned.

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

**City of Monroe 2022 Wastewater Treatment Plant (WWTP) Engineering Report
City of Monroe Final Wastewater Treatment Plant (WWTP) Engineering
Report – pH and Filament Control (dated March 2020)
City of Monroe 2015 Utility Plan
City of Monroe Comprehensive Plan**

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.

No other governmental approvals or proposals that may affect the property covered within this proposal are known.

10. List any government approvals or permits that will be needed for your proposal, if known.
The Engineering Report and subsequent design documents must be approved by the Washington State Department of Ecology.

At the time the proposed projects move forward to construction, building permit and fire department review will be required from the City of Monroe. An electrical permit will be required from the Washington State Department of Labor and Industries. A permit will be required from the Puget Sound Clean Air Agency for exhaust from the proposed dryer (CIP 5) and the accompanying odor control system.

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 capital improvement plan (CIP) included in the 2022 WWTP Engineering Report includes the projects listed below. The 6-year CIP will include CIP 1 and CIP 5. The remaining projects will occur beyond the 6-year CIP.

- **CIP 1: CIP 1 was already evaluated and approved as part of the March 2020 “City of Monroe Final Wastewater Treatment Plant (WWTP) Engineering Report – pH and Filament Control” and is currently in construction. This project adds a permanent system for dosing sodium hypochlorite into the return activated sludge (RAS) to kill filamentous organisms that can cause poor settling, upgrades the existing magnesium hydroxide system to improve system reliability and provide controls for automated dosing based on flow and pH, utilizes existing metering pumps and sodium hydroxide storage to provide backup effluent pH control if under certain conditions magnesium hydroxide alone cannot maintain pH within the required range, installs baffles in Aeration Basins No. 1 and 2 to allow the two diffuser zones to operate at different dissolved oxygen concentrations, and makes improvements to mixed liquor recycle pumping to allow automated control of pumping rate based on nitrate levels and flow rates.**
- **CIP 3: As an alternate to CIP 2A and 2B, convert the existing SBC tanks into membrane bioreactors (MBRs) and convert Aeration Basin 3 to pre-anoxic and aerobic zones for treatment prior to the MBRs. The MBRs will operate as a side stream process in parallel with the existing conventional activated sludge (CAS) process utilizing Aeration Basins 1 and 2 and the existing clarifiers to provide increased capacity for projected flows and load through the planning horizon (2020-2040). The side stream MBR will also require construction of a support building to house aeration, pumping and chemical equipment and fine screening for protection of the membranes. This project may also include construction of a surface wasting system to collect and waste foam and scum from the mixed liquor channel.**
- **CIP 5: As an alternate to CIP 4, modify the existing dewatering building to a 2-story structure with a new screw press on the second story (replacing the existing belt filter press) and a new biosolids dryer on the ground floor. Also, replace the existing primary sludge flow meter and install a new primary sludge solids meter.**
- **CIP 6: Upsize two influent pumps and their discharge piping to increase their capacity from 1 million gallons per day (MGD) to 2 MGD for increased firm pumping capacity, replace the UV reactors and upsize connecting piping to increase firm capacity of the disinfection process, upgrade the existing effluent**

pumps by adding a bowl and upsizing the motor and VFD to increase firm pumping capacity, and replace the plant water pumps with newer pumps more appropriately sized for the demands.

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.

This non-project application to approve the 2022 WWTP Engineering Report and 2023-2040 Capital Improvement Plan (CIP): all proposed projects are for the Monroe Wastewater Treatment Plant are located on tax parcel #27060100408700 (Monroe WWTP). This parcel is located at 522 South Sams Street in Monroe, Washington. The WWTP is located in the southwest quarter of Section 1 and the northeast quarter of Section 12, in Township 27 North, Range 6 East, Willamette Meridian.

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

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

a. General description of the site:

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

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

The project vicinity is relatively flat with a 10 to 15 foot retaining wall on the southeast corner of the WWTP site. No steep slopes are present.

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.

Based on the Snohomish Soil Survey, the site soils are Sultan silt loam. According to Shannon & Wilson's 2000 Geotechnical Report for the WWTP expansion, the WWTP site soils consist of medium dense to dense, silty, gravelly fine to medium sand and soft to very stiff, clayey silt (fill material), underlain by dense to very dense, slightly silty, sandy gravel to gravelly sand. An extensive discussion of the soils and their properties can be found in the USDA Soil Survey of Snohomish County.

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 soil known in the immediate vicinity of the project site.

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.

Not applicable, this is a non-project application. Projects resulting from this Report will be reviewed at the time of application. Preliminary review of CIP 3

would require excavation of about 300 cubic yards for the new support building foundation. The total disturbed area is expected to be less than 1 acre.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Not applicable, this is a non-project application. Based on preliminary review of the proposed projects, no erosion is expected to occur as a result of any of the proposed CIP projects, as the disturbed area is limited, and mitigation measures will be in place to ensure stockpiled material is limited and protected from erosion and graded areas are protected from erosion using best management practices prior to surfacing.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
Not applicable, this is a non-project application. Future assessment will occur if SEPA thresholds are met when building applications are submitted for the recommended CIP projects.

Based on preliminary analysis, within the existing site boundaries, no significant change to the amount of impervious surfaces is expected to occur. All proposed projects will take place within existing buildings or be built at locations that already have an impervious surface (e.g., adding tank or building where asphalt currently exists).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Not applicable, this is a non-project action. An environmental analysis will be completed at time of building permit submittal if the proposed applications meet SEPA Thresholds for review. Based on preliminary analysis, all drainage and stormwater is discharged to the existing system of catch basins discharging to the Skykomish River. Best management practices will be followed to avoid sediment transport to the river (e.g., catch basin filters, covered stockpiles, silt fencing, etc.).

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.
Emissions resulting from this proposal include diesel engine exhaust from heavy equipment during construction. Diesel engine exhaust includes particulate matter, carbon dioxide, and other gas pollutants. Heavy equipment will be provided by the contractor and will be required to meet State and Federal emissions standards. It is unknown what quantity of exhaust fumes will be associated with this proposal. CIP 5 will require odor control for exhaust from the dryer. The exhaust emissions and odor control provided will need to comply with air quality requirements per the Puget Sound Clean Air Agency.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
Not applicable, this is a non-project application. Environmental review will occur at time of building permit submittal if the project meets SEPA thresholds for review. Based on preliminary review, odor is produced and treated on site. This

will continue to be the case for all proposed improvements. There are no off-site sources of emissions or odors associated with the proposed improvements.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Not applicable, this is a non-project action. Environmental review will occur at time of building permits submittal if the project meets the SEPA threshold for review. Based on preliminary review of CIP 5, a new odor control system would be installed to treat exhaust from the new biosolids dryer. Other proposed improvements should not significantly alter current emissions.

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 Skykomish River lies approximately 1,200 feet to the southeast of the WWTP and is the waterbody to which the WWTP discharges.
- 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.
Not applicable, this is a non-project application. Environmental review will occur at time of building permit submittal if the project meets a SEPA threshold for review. Based on preliminary review all work at the WWTP will take place more than 200 feet away from the river and outside the shoreline management area.
- 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.
Not applicable, this is a non-project application. Environmental review will occur with building permit submittal if the project meets a SEPA threshold. Based on preliminary review, no fill or dredge 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.
Not applicable, this is a non-project action; however, none of the proposed capital improvement projects will not include surface water withdrawals or diversions will be necessary.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
Not applicable, this is a non-project action; however, it is noted that the WWTP site is elevated such that it does not lie within the 100-year floodplain.
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
Not applicable, this is a non-project action. Future projects resulting from this report will be reviewed at time of building permit submittal. Based on preliminary analysis, the WWTP currently discharges treated wastewater to the Skykomish River. Wastewater is treated for biochemical oxygen demand, total suspended

solids, fecal coliform, and pH. CIP 1 and CIP 5 do not propose increasing the current capacity of the WWTP. However, CIP 3 and CIP 6, which fall outside of the 6-year CIP, will increase capacity, and add treatment for total inorganic nitrogen (i.e., ammonia, nitrite, and nitrate). As such, an updated mixing zone analysis has been completed.

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. None of the proposed capital improvement projects in the 2022 WWTP Engineering Report will require any groundwater withdrawal or discharge to groundwater.

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

Not applicable, this is a non-project application. The projects included in the CIP will not require any waste material discharge into the ground.

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.

Runoff as a result of construction related to this project will be controlled following stormwater best management practices and enter the existing City stormwater collection system.

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

Not applicable, this is a non-project application. Based on preliminary analysis, the proposed CIP projects are not expected to impact ground or surface waters.

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

Not applicable, this is a non-project application. Based on preliminary analysis, the proposed CIP projects are not expected to have an effect on drainage patterns. A complete environmental review will occur at time of building permit submittal if the projects meet a SEPA threshold requiring review.

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

Not applicable, this is a non-project application. Based on preliminary analysis, the proposed CIP projects are not expected to have an effect on surface, ground, or runoff waters. A complete environmental review will occur at time of building permit submittal if the projects meet a SEPA threshold requiring review.

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?

Not applicable, this is a non-project application. Based on preliminary analysis, the proposed CIP projects would not remove or alter vegetation.

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

Not applicable, this is a non-project application. Based on preliminary analysis, there are no known threatened or endangered species on or near the site.

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

Not applicable, this is a non-project application. Based on preliminary analysis, the proposed CIP projects would not involve additional landscaping or plantings.

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

Not applicable, this is a non-project application. Based on preliminary analysis, There are no noxious weeds or invasive spaces known to be on or near the site.

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: hawk heron, eagle, songbirds other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon trout, herring, shellfish, other _____

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

The Skykomish River is known to support fall Chinook and winter Steelhead spawning habitat, bull trout rearing habitat, and is known to support summer Chinook and summer Steelhead species. No known threatened or endangered terrestrial or avian species are known to occur in the project vicinity.

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

The WWTP site is not part of a migration corridor; however, the Skykomish River is located in the vicinity of the WWTP site, which is a migration corridor for several anadromous fish species.

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

Not applicable, this is a non-project application. Based on preliminary analysis, there are no proposed measures for wildlife preservation or enhancement as the project is not expected to displace or impact wildlife species.

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

Not applicable, this is a non-project application. Based on preliminary analysis, there are no known invasive animal species on or near the site.

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.

Energy needs for the WWTP will be primarily met through electricity for the general operational needs of the facility (lighting, pumps, blowers, and other equipment); however, the proposed dryer (CIP 5) will be powered primarily by natural gas. A standby diesel generator will be maintained for use as an emergency source of power should utility power fail.

b. Would your project affect the potential use of solar energy by adjacent properties?

If so, generally describe.

Not applicable, this is a non-project application. Based on preliminary analysis, the projects included in the CIP will not have an impact on potential solar energy use 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:

Not applicable, this is a non-project application. Based on preliminary review, the proposed improvements would include variable frequency drives on pumps and blowers so that turndown can match demand to reduce energy use. New flow meters and water quality monitoring instruments will help to optimize recycle pumping and aeration. Improvements for denitrification in the aeration basins will reduce oxygen demand and therefore air demand from the blowers. High efficiency equipment with premium efficiency motors will be utilized. The dryer will likely utilize waste heat to improve efficiency and reduce natural gas consumption.

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.

Not applicable, this is a non-project application. Based on preliminary analysis, the type and quantities of chemicals required and the ways in which they are utilized would not change significantly such that there would not be a significant change in health hazards or exposure to toxic chemicals. The proposed improvements would not

generate any hazardous waste nor increase the potential for any spills. With the implementation of CIP 5, there would be some increased risk due to potential for combustion of dust from the dried biosolids. This will be mitigated by inclusion of dust control and fire suppression devices.

- 1) Describe any known or possible contamination at the site from present or past uses.
Not applicable, this is a non-project application. Based on preliminary analysis, there is no known contamination at the site.

- 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.
Not applicable, this is a non-project application. Based on preliminary analysis, no existing hazardous conditions are known which could affect project development or design.

- 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.
Not applicable, this is a non-project application. Existing conditions include sodium hydroxide and sodium hypochlorite, both hazardous chemicals, are currently stored for use with the chemical odor scrubber at the WWTP and for periodic chlorination of the RAS. With the completion of CIP 1 (under construction), the containment and handling of the chemical will be further improved. Magnesium hydroxide will continue to be stored and utilized as the primary means of pH control in similar quantities. Magnesium hydroxide is considered slightly hazardous. In addition to bulk storage for odor control, sodium hypochlorite will continue to be utilized from totes occasionally for chlorination of the RAS. In the future, should strict limits for total inorganic nitrogen be enforced under the NPDES permit, the City may utilize a supplemental carbon source, such as Micro-C, which is non-hazardous. With implementation of CIP 4, small quantities (totes) of citric acid and sodium hypochlorite would be utilized a few times a year for chemically cleaning the membranes. Citric acid is slightly hazardous.

- 4) Describe special emergency services that might be required.
Not applicable, this is a non-project application; however, the proposed capital improvements projects will not change the existing need for possible emergency services. Today emergency services that might be required include emergency care necessary as a result of an accident. Emergency care includes hospitalization at Valley General Hospital or other appropriate medical facility.

- 5) Proposed measures to reduce or control environmental health hazards, if any:
Not applicable, this is a non-project application. When construction commences, the contractor and City staff will be responsible for implementing all appropriate safety measures and providing all personal protective equipment (PPE).

b. Noise

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

Not applicable, this is a non-project application. Based on preliminary review, noise generated from the project construction will be temporary and will occur on City property and within the hours allowed by City ordinance. Noise associated with the WWTP currently produces elevated background noise levels, but the proposed improvements are not expected to alter current noise levels.

- 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.

Not applicable, this is a non-project application. Based on preliminary analysis, noise generated as a result of the proposal includes periodic increased noise levels in the short-term due to construction activities. Noise from construction activities would occur during normal work and school hours. No additional long-term noise impacts due to operation of the improvements are, as normal operating noise levels are not expected to exceed current noise levels at the WWTP.

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

Not applicable, this is a non-project application; however, the new blowers will include silencers, similar to existing blowers. New equipment that may produce significant noise will be housed in buildings, as is similar with existing equipment.

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 parcel where most of the work will occur is occupied by the Monroe WWTP. Adjacent properties include single-family housing, multi-family housing and a park. Current land uses will not be affected.

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

The site has not been used for agriculture or as forest land in the recent past.

- 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, there are no surrounding farm or forest land business operations.

- c. Describe any structures on the site.

Structures on site include buildings and other structures necessary to operate the WWTP. These include clarifiers, aeration basins, digester tanks, headworks building, pump stations, an operations building, and a dewatering building.

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

Not applicable, this is a non-project application. Based on preliminary review, the existing aeration basins will be modified, but not demolished. Under CIP 3, the

existing submerged biological contactor (SBC) tanks would be retrofitted as membrane tanks. Under CIP 5, the existing dewatering building would be modified, but not completely demolished.

- e. What is the current zoning classification of the site?
The WWTP property is zoned as multi-family residential (MR6000).
- f. What is the current comprehensive plan designation of the site?
Under the current comprehensive plan, the WWTP is designated as Residential (R8- I 1 Dwellings per Acre).
- g. If applicable, what is the current shoreline master program designation of the site?
The WWTP property does not have a shoreline designation.
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
No, but the Skykomish River to the south and wetlands at the south end of the adjacent park are critical areas.
- i. Approximately how many people would reside or work in the completed project?
N/A
- j. Approximately how many people would the completed project displace?
Not applicable, this is a non-project application; however, none of the proposed capital improvements projects will replace any workers or residents.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
Not applicable, this is a non-project application; however, none of the proposed capital improvements projects will replace any workers or residents.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Not applicable, this is a non-project application. Based on preliminary review, the proposed capital improvements will not impact existing and projected land uses or plans.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
Not applicable, this is a non-project application. Based on preliminary review, the proposed capital improvements will not impact agricultural or forest lands.

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

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Not applicable.
- 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:

Not applicable, this is a non-project application. Based on preliminary review, there are no impacts to housing.

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?

All improvements will be within the envelope of existing structures.

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

None.

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

Not applicable.

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

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

The overall light or glare from the WWTP facility is not anticipated to be substantially different from existing levels. Some additional lighting will be provided in areas with new equipment, but the level of lighting will be similar to other areas of the WWTP.

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

Not applicable, this is a non-project application. Based on preliminary review, any additional lighting would be contained within areas that already have some existing lighting, such that there should not be any interference.

- 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:

Not applicable, this is a non-project application. Based on preliminary review, additional lighting will be at the same level of lighting elsewhere at the facility and will be directed at the facilities, so as to minimize glare for adjacent properties.

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

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

The Skykomish River Centennial Park is located due south of the WWP. It includes four ball fields and a manicured lawn.

- 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:

Not applicable.

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.

Not applicable, this is a non-project application. Based on preliminary review of the Washington State Department of Archeology and Historic Preservation (DAHP) Washington Information System for Architectural and Archaeological Records Data (WISAARD) mapping website, there are no registered historic places or objects in the vicinity of the proposed project.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Not applicable, this is a non-project application. Based on preliminary review, there are no known landmarks, features, or other evidence of Indian or historic use 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.

Not applicable, this is a non-project application. Based on preliminary review, the WISSARD mapping website from DAHP was used to determine any potential conflicts with the site location and none were identified.

- 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.

Not applicable.

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.

Public streets and highways serving the site include State Route 2, State Route 522, West Main Street, and Sams Street.

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

The Snohomish Community Transit Bus Route #271 is the closet public transit to the site. This route stops at the intersection of Village Way and Sky River Parkway. The Duvall-Monroe Shuttle stops at the intersection of Sumac Drive and South Lewis Street.

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

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects are not expected to eliminate nor add parking spots. The current parking spots are expected to remain.

- 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.

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects will 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 non-passenger vehicles). What data or transportation models were used to make these estimates?

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects are not expected to have a significant effect on number of vehicular trips per day. It is possible that vehicular trips to the WWTP site could be increased by a few additional trips per day due to addition of employees after completion of CIP 3 and/or addition of vendor trips for deliveries/maintenance associated with the proposed improvements.

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.

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects will not interfere with the movement of agricultural or forest product on roads or streets.

h. Proposed measures to reduce or control transportation impacts, if any:

Not applicable, this is a non-project application. Based on preliminary review, transportation impacts will be minimal, if any.

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.

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects will not change the need for public services.

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

Not applicable, this is a non-project application. An environmental review will occur at the time of building permit submittal, if the project meets a SEPA threshold requiring review.

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

a. Circle utilities currently available at the site:

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

d. 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.

Not applicable, this is a non-project application. Based on preliminary review, the proposed projects include upgrades to the wastewater utilities at the Monroe

WWTP. For CIP 3, a new larger electrical service may be required for the WWTP site. For CIP 5, a larger natural gas service may be required to fuel the biosolids dryer.

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: John Lande

Name of signee John Lande

Position and Agency/Organization PW Operations Manager

Date Submitted: 9/13/22

D. Supplemental sheet for non-project 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?

None. The DRAFT 2022 WWTP Engineering Report identifies future projects to that would decrease nutrient loading from current conditions.

Proposed measures to avoid or reduce such increases are:

None. As stated above the DRAFT 2022 WWTP Engineering Report identifies future projects to that would decrease nutrient loading from current conditions.

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

Implementation of the 2022 WWTP Engineering Report and construction of the proposed projects would improve water quality conditions within the lower Skykomish River, Snohomish River, and Puget Sound. Aquatic life would benefit.

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

None. Construction of the proposed capital improvements will improve current conditions for plants, animals, fish, and marine life.

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

None. Implementation of the 2022 WWTP Engineering Report and construction of the proposed projects would reduce greenhouse gas productions.

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

None. The proposed capital projects recommended in the 2022 WWTP Engineering Report will improve energy conservation and natural resources once constructed.

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?

No impact. The recommended capital improvement projects in the 2022 WWTP Engineering Report will improve habitat by improving the water pH and removing additional contaminants from the treated water flowing into the Skykomish River.

Proposed measures to protect such resources or to avoid or reduce impacts are:
None. Construction of the proposed capital improvement projects listed in the 2022 WW Implementation of the 2022 WWTP Engineering Report and construction of the proposed projects TP Engineering Report will improve existing conditions.

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?
No impacts. The proposed capital improvement projects will occur onsite within the existing footprint of the WWTP.

Proposed measures to avoid or reduce shoreline and land use impacts are:
None.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?
Some increase in electrical power and natural gas use.

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.
None.