



City of Puyallup

Office of the City Engineer

City Hall - 333 S. Meridian Puyallup, WA 98371 – 3rd Floor

February 26, 2021

Project Name: N. Levee Pump Station Replacement Project

Permit Number: P-21-0003 & P-21-0004

CIP Project Number: 20-008

Project Engineer: Drew Young, PE

RE: Development Review Team (DRT) Letter Dated February 12, 2021

Requested Action Items

Planning – Rachael Brown (253) 770 - 3363 rnbrown@PuyallupWa.gov

Site Plan

- 1. 6' Perimeter fence landscaping needs to be added on top of retaining wall to screen fence from ROW.**

Response: The Site Plan has been revised to provide a minimum 6' landscaping area in front of the perimeter fencing and on top of the adjacent retaining wall.

- 2. 12' of site frontage landscaping needs to be added within the City's easement area.**

Response: The Site Plan has been revised to provide landscaping from back of sidewalk to the perimeter of the sewer pump station perimeter fencing within the City's easement. This will exceed the 12' minimum site frontage in some areas of the City's easement.

- 3. Correct proposed fencing height on plans to match proposed variance fence height (8' fence with 2' security topper).**

Response: The Site Plan has been revised to correctly state the proposed perimeter fence height matching the requested variance. The callout also notes the proposed fence section heights of 8' chain link with 2' security topper.

SEPA Checklist

4. Exempt

Critical Areas

5. Shoreline

- a. **Add 200' buffer from ordinary high water mark and eliminate 200' setback from floodway.**

Response: The 200-foot buffer from ordinary high water mark has been added to the site plan and the 200-foot setback from floodway has been removed.

- b. **Please provide a description of the location of other utility facilities in the vicinity of the proposed project and any plans to include facilities of other types of utilities in the project.**

Response: Other utilities in the vicinity of the project include an existing City of Puyallup waterline, an existing City of Puyallup storm line, existing overhead Puget Sound Energy power lines, all of which run along the north side of North Levee Road in front of the project site. The project will include replacing the existing electrical service provided by PSE from their overhead power facility. No other facilities or other types of utilities are planned to be constructed as part of this project.

- c. **Please provide a plan for the reclamation of areas disturbed both during construction and following decommissioning and/or completion of the useful life of the facility.**

Response: At present time, there are no plans to decommission the existing pump station as it is the only means of conveying sanitary sewer for all development north of the Puyallup River, within the City's sewer service area, to the City's Treatment Plant. The pump station is expected to continue to provide sewer service to this area throughout the planning period and beyond. Areas disturbed during construction that are not planned for hard surfacing improvements or within the building addition footprint, will be landscaped with topsoil amendment, shrubs, and mulch. Any disturbed areas outside of the permeant landscaping improvements will be re-seeded, as necessary.

- d. **Please provide a plan for the control of erosion and turbidity during construction and operation.**

Response: Erosion control measures, which include installing a silt fence around the perimeter of the project area, have been added to the site plan. After final stabilization of the project site following construction, erosion and turbidity control are not expected to be necessary to operate the replaced sewer pump station.

e. Pervious Concrete: Provide a narrative addressing why pervious concrete will not be used in this application.

Response: Pervious concrete was not considered for the paved area near the pump station to prevent the possibility of any pollutants and chemicals from directly infiltrating into the underlying soils. To further prevent possible pollutants/contaminants from leaving the pump station site during maintenance operations (such as chlorinated wash water), the paved area will be sloped towards a localized drain that will discharge back into the pump station well for containment.

f. Provide clarification that this is a water-dependent use by providing more information regarding:

Response: This sewer pump station replacement project is not a water-dependent use as defined. No direct access to water is required for this facility to serve its primary function as a sewer conveyance utility. This project would closely fit the definition of a water-related use as this facility provides the critical service of sewer conveyance for any water-dependent use on the northside of the Puyallup River within the City's adopted sewer service area.

i. Why the facility was sited in the location in the first place (example: because sewage pump station must be located in the lowest elevation location in a given vicinity in order or serve its function).

Response: The City of Puyallup's Water Pollution Control Plant (Sewage Treatment Plant) is located on the south side of the Puyallup river. In order to convey sewer from the north side of the Puyallup river, sanitary sewer is required to be pumped over the North Meridian Bridge to a gravity sewer conveyance system along River Road that discharges to the Treatment Plant. Therefore, this pump station needs to be located in close proximity to the North Meridian Bridge to efficiently pump sewer towards the treatment plant.

- ii. **Why the facility cannot be located in another location away from the from the river and still serve the same purpose.**

The entire sewer conveyance network for this area has been constructed to discharge to this location with the pump station being the lowest elevation for sewer collection and transport. As stated previously, sewer is required to be pumped over the North Meridian Bridge in order to be treated by the City's Treatment Plant. This pump station needs to be at this location in order to continue to provide sewer service for this area.

- iii. **Definition of Water Dependent Use: "A use that requires direct access to the water to accomplish its primary function. A use or portion of a use which cannot existing in a location that is not adjacent to the water and which is dependent on the water by reason of the intrinsic nature of its operations. Possible examples include: Marinas, aquaculture, boat launching facilities, viewing platforms, shoreline recreation, and intakes or outfalls when allowed under relevant legislation."**

Engineering – Joseph Berkey (253) 435-3616 JBerkey@PuyallupWa.gov

No actions required

Traffic – Bryan Roberts (253) 841-5542 BRoberts@PuyallupWa.gov

No actions required

Fire Prevention – David Drake (253) 864-4171 DDrake@PuyallupWa.gov

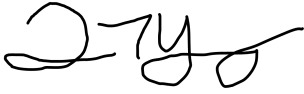
No actions required

**Building – Janelle Montgomery (253) 770-3328
JMontgomery@PuyallupWa.gov**

No actions required

Please review the above and let me know if you need anything further in order to proceed with the Shoreline Substantial Development Permit and Land-Use Variance Request.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Young', with a stylized flourish at the end.

Drew Young, P.E.

Civil Engineer – Capital Improvement Projects

Office: 253-435-3641

dyoung@puyallupwa.gov

cc: CIP 2020-008 Project File

ATTACHMENTS:

Attachment #1 – PDF – Figure 1 – Revised Vicinity Map

Attachment #2 – PDF – Figure 2 – Revised Site Plan