



City of Puyallup  
**Planning Division**  
333 S. Meridian, Puyallup, WA 98371  
(253) 864-4165  
[www.cityofpuyallup.org](http://www.cityofpuyallup.org)

PRELIMINARY\*

## DETERMINATION OF NON-SIGNIFICANCE (DNS)

*\*This determination will become final if no formal appeals are filed and/or reconsideration requests are duly received*

for  
**CIP No. 20-018 Water Pollution Control Plant (WPCP) Secondary Clarifier No. 3**  
**1602 18th St NW; 1604 18th St NW**  
**Preliminary Site Plan, SEPA Checklist**  
Project # PLCUV20230074  
[Online Permit File](#)

Date of Issuance:	November 20, 2023
Description of Proposal:	Includes construction of a 110-foot diameter, 3-foot tall Secondary Clarifier, approximately 175 linear feet of new piping and associated electric work to connect the new clarifier to the existing hydraulic and SCADA, installation of a magnetic flow meter and a fourth return activated sludge pump. Will replace existing asphalt impacted by trenching and installation of 2,960 SF of crushed surfacing gravel adjacent to the new clarifier. The proposed project was included in the approved 1996 Wastewater Facility Plan.
Location of Proposal:	1602 18th St NW, PUYALLUP, WA 98371; 1604 18 <sup>th</sup> St NW, PUYALLUP, WA 98371
Proponent:	Jessica Wilson – City of Puyallup, Public Works Engineering
Lead Agency Responsible Official:	Katie Baker, AICP City of Puyallup Planning Division 333 S. Meridian Puyallup, WA 98371 (253) 864-4165 <a href="http://www.cityofpuyallup.org">www.cityofpuyallup.org</a>
City of Puyallup Permits:	Site Development Building Permit Alternative Methods Request Conditional Use Permit Application Variance Clear, Fill and Grade
Zoning:	PF – Public Facilities
Comprehensive Plan:	PF – Public Facilities
Shoreline Environment:	N/A

## **A. PROJECT SPECIFIC MATERIALS (INCORPORATION BY REFERENCE – WAC 197-11-635):**

The subject Threshold Determination herein and associated environmental findings are based upon review of the following documents submitted by the applicant and official responses from the city in regard to the underlying permit(s). These documents are incorporated by reference, in accordance with WAC 197-11-635, and are available for public review. To request access to electronic copies of project materials, please contact [Planning@PuyallupWA.gov](mailto:Planning@PuyallupWA.gov) or (253) 864-4165.

- ◆ Development Review Team (DRT) letter, dated September 20, 2023
- ◆ Application Form, received June 27, 2023
- ◆ Site Plan, received August 10, 2023
- ◆ Vicinity Map, received September 15, 2023
- ◆ Critical Area ID Form, received June 30, 2023
- ◆ Preliminary Storm Report, received June 28, 2023
- ◆ Critical Area Report (Item Waiver), received June 30, 2023
- ◆ SEPA Project Checklist, received June 27, 2023
- ◆ Traffic Scoping Worksheet (Item Waiver), received September 15, 2023
- ◆ Landscape Plans (Item Waiver), received June 30, 2023
- ◆ Narrative From Project Architect (Item Waiver), received September 15, 2023
- ◆ Critical Areas Report Checklist (Item Waiver), received September 15, 2023
- ◆ Alternative Methods Request (AMR), approval letter October 27, 2023

Other / Miscellaneous, received:

- Conditional Use Permit Narrative, received June 27, 2023
- Conditional Use Application, received June 27, 2023
- Variance Request Narrative (REVISED), received August 10, 2023
- Variance Application (REVISED) received August 10, 2023
- Variance Application, received June 27, 2023
- Submittal Item Waiver Architectural Elevations, received September 15, 2023

- I. Notice of Application (NOA) date, consistent with WAC 197-11-355 (Optional DNS Process)
  - i. Optional DNS notice sent on August 02, 2023. Comment period expired August 16, 2023
  - ii. List of recipients, comments received, and copy of NOA materials available in [Permit Portal Link](#).

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## **B. RESPONSIBLE OFFICIAL FINDINGS OF CONSISTENCY**

The SEPA Responsible Official for the City of Puyallup hereby makes the following findings of consistency based upon a review of the environmental checklist and attachments, other information and studies on file for the project, and the policies, plans, and regulations designated by the City of Puyallup as a basis for the exercise of substantive authority (see PMC 21.04), and under the State Environmental Policy Act (SEPA) pursuant to the Revised Code of Washington (RCW) 43.21C. The following findings of consistency apply to the project and may be referenced in future (final) permit review notes and/or conditions:

### **I. EARTH**

- i. The project site is generally flat, with the steepest slope being 0.5% grade. The 3<sup>rd</sup> Secondary Clarifier will require the excavation of 11,000 Cubic Yards (CY) of material that will be removed from the site; 1,600 CY of material will be installed for structural backfill around the exterior of the Secondary Clarifier's walls and pipe trenches.
- ii. Erosion control measures must be in place prior to any clearing, grading, or construction. These control measures must be effective to prevent storm water runoff from carrying soil and other pollutants into surface water or storm drains that lead to waters of the state. Sand, silt, clay particles, and soil will damage aquatic habitat and are considered to be pollutants that must be controlled with temporary erosion control measures, consistent with Puyallup Municipal Code (PMC) 21.14, Clearing, Filling and Grading, in addition to any and all permits required by other agencies. Any discharge of sediment-laden runoff or other pollutants to waters of the state is in violation of Chapter 90.48 RCW, Water Pollution Control, and WAC 173-201A, Water Quality Standards for Surface Waters of the State of Washington and is subject to enforcement action.
- iii. Based on the project geotechnical report, where available, and a review of available topography, LIDAR, mapped soils (NRCS) and geohazard area data (GIS), impacts to geologic hazard areas have not been identified.
- iv. Temporary erosion, sedimentation, and construction dust control BMPs will be applied in accordance with City of Puyallup city standard section 500 – Grading, Erosion and Sedimentation Control and all engineering Best Management Practices (BMPs), in accordance with City Engineer approval.

## **2. AIR**

- i. Watering of exposed soils during construction to suppress dust will limit impacts to ambient air quality resulting from the project improvements during dry weather.
- ii. Construction activities and vehicles being driven to and from the city can be anticipated to cause impacts on air quality and produce greenhouse gas emission; no single point source of emissions that requires specific analysis on air quality and known to be present as a result of the project. The Puget Sound Clean Air Agency is tasked with measuring certain air pollutants, which could include particulate pollution stemming from vehicle emissions.
- iii. No known sources of foul or offensive odors are anticipated as a result of the project.

## **3. WATER**

- i. Water runoff on the site will likely originate from storm water runoff. Water that falls on the surface of the 3<sup>rd</sup> Secondary Clarifier (an open tank with a surface area of 9,500 Square Feet) will be discharged with WPCP treated wastewater. All stormwater runoff will be directed into existing catch basins. Storm water runoff will be managed and treated in accordance with the currently city-adopted version of the Department of Ecology Stormwater Design Manual (See PMC 21.10.040), all applicable city storm water standards, all applicable NPDES permit requirements, and BMPs/standard engineering practices in accordance with City Engineer approval.
- ii. The project location was not found to contain any hydrophytic vegetation, no field indications of hydric soil conditions, and no location on the project site-maintained hydrology indicative of wetlands. No hydrophytic vegetation was listed under the known vegetation within the plants section of the SEPA Checklist; there is limited vegetation on the site. The predominant soil in the area is Puyallup Fine Sandy Loam and Pilchuck Fine Sand. These soils are not considered hydric soils.
- iii. Where projects are shown on the city's critical area maps as being within a critical aquifer recharge area or wellhead protection zone, additional review of impacts to ground water may be triggered, in accordance with standards in the city's critical areas ordinance.

- iv. Activities that do not cause degradation of groundwater or significantly impact the recharge of ground water aquifer may be permitted in a critical aquifer recharge area; provided, that the project complies with the city storm water management regulations and other applicable local, state, and federal regulations.
- v. All developments in the 100-year floodplain are required to meet the standards of PMC 21.07, flood control ordinance, and any other required state and/or federal standards. Applicants are encouraged to consult with FEMA region X regarding their project if located in the regulated (100-year) floodplain.
- vi. Groundwater diversions, dewatering activities and/or construction-related ground water withdrawals may occur as a part of this project due to presence of high/perched ground water table/levels at the time of construction. However, any ground water diversions, withdrawals, dewatering, or other forms of ground water management that occur during site construction will be mitigated using engineering BMPs, as stipulated by the city standards manual, NPDES permits, current Department of Ecology storm water manual (in effect at the time of permitting), and standard engineering practices.

#### **4. PLANTS**

- i. The proposed project landscaping shall comply with approved AMR (alternative methods request) landscape plan and associated conditions of approval: [PRAMR20231444](#)
- ii. Any significant or heritage designated trees are required to be retained on site, where applicable. Trees and vegetation associated with critical areas, such as wetlands, steep slopes, streams/rivers, or other aquatic resources, and trees important to the overall function of adjacent or on-site bird, fish and other terrestrial animals may be required to be retained, where applicable.
- iii. All trees shall be maintained in a manner consistent with accepted pruning and care standards as outlined in applicable ANSI A300 standards.

#### **5. ANIMALS**

- i. No federally listed endangered species, state threatened species or habitat, or state sensitive species are known to inhabit the area within the project boundaries, according to the Washington Department of Fish and Wildlife's Priority Habitats and Species mapping tool.
- ii. The project is near aquatic resources that support listed species of salmonids; Clarks Creek and the Puyallup River systems are salmon-bearing, supporting chinook, coho, and chum salmon, steelhead, and cutthroat trout. During construction, Erosion and Sediment Control BMPs will be instituted to prevent sediment laden stormwater runoff from discharging into the Puyallup River. The project is also located within the Pacific Flyway bird migratory route. The project will be reviewed in accordance with all applicable critical area and habitat assessment standards and requirements to ensure the project does not result in significant adverse impacts to listed species or habitat. Special mitigation may be required, in accordance with local, state, and federal authority, and the applicant may be required to consult with local tribal governments.

#### **6. ENERGY AND NATURAL RESOURCES**

- i. The project will be compliant with the Washington State Energy code and all applicable regulations in the latest edition of the applicable version of the Building Code, as adopted by the city applicable to the project construction type.
- ii. The project is not anticipated to impact solar access for the subject property or adjacent properties. No mitigation measures were proposed as a result.

- iii. The project is anticipated to use various forms of energy, such as local electric power, natural gas, solar, and is not anticipated or known to generate a need for power or energy that would necessitate mitigation or specific service provisions not normally anticipated by service providers.

## **7. ENVIRONMENTAL HEALTH**

- i. If soil contamination is suspected, discovered, or occurs during the proposed construction, testing of the potentially contaminated media must be conducted. If contamination of soil or groundwater is readily apparent, or is revealed by testing, the Washington State Department of Ecology must be notified. Contact the Environmental Report Tracking System Coordinator at the Southwest Regional Office (SWRO) at (360) 407-6300. There is no known contamination at the site from its present or past uses.
- ii. If greater than 250 cubic yards of inert, demolition, and/or wood waste is used as fill material, a Solid Waste Handling permit may be required (WAC 173-350-990). It is the responsibility of the applicant to check with the Tacoma Pierce County Health Department for any permitting requirements that may be required. This project is expected to remove 11,000 cubic yards of material from the site; therefore, it may require a Department of Ecology Solid Waste (Handling) permit.
- iii. The project is not anticipated to contain increased or unusual risks related to fire hazards, explosive materials, toxic chemical storage or manufacture, hazard waste spill risk, nor is the project anticipated or known to increase the risk of health hazards to the environment. There will be emergency spill cleanup kits for construction equipment as well as training for the construction crew to prevent exposure to hydraulic fluids, diesel fuel, and gasoline.
- iv. In addition to any required asbestos abatement procedures, the applicant should ensure that any other potentially dangerous or hazardous materials present, such as PCB-containing lamp ballasts, fluorescent lamps, and wall thermostats containing mercury are removed prior to demolition. PCBs are increasingly being found in caulking and paint. It is important that these materials and wastes are removed and appropriately managed prior to demolition. It is equally important that demolition debris is also safely managed, especially if it contains painted wood or concrete, treated wood, or other possibly dangerous materials. Please review the “Dangerous Waste Rules for Demolition, Construction, and Renovation Wastes,” on Ecology’s website at:

[www.ecy.wa.gov/programs/hwtr/dangermat/demo\\_debris\\_constr\\_materials.html](http://www.ecy.wa.gov/programs/hwtr/dangermat/demo_debris_constr_materials.html).

## **8. NOISE**

- i. No significant adverse environmental impacts related to noise are anticipated or known to result due to the project.
- ii. Project construction noise shall be compliant with PMC 6.16 – Noise, including time limitations on construction activities starting and stopping work activities for both weekdays and weekends. Special conditions may apply to the project and additional noise mitigation may be applied by the City Engineer or Code Compliance Department during construction.

## **9. LAND USE, COMPREHENSIVE PLAN AND SHORELINE USE**

- i. The project is located in the PF – Public Facilities zone and the PF – Public Facilities comprehensive plan designated area and is generally consistent with the policies adopted in the Comprehensive Plan, Shoreline Master Program, and all other plans, where applicable to the development proposal, and shall be consistent with the zoning code regulations applicable to the project.
- ii. This project was included in the 1996 Wastewater Facility Plan.
- iii. The site development construction plans (civil, building, etc.) shall follow all applicable codes in effect at the time of final construction permit submittal and shall conform to all applicable conditions outlined in the “Final Development Review Team (DRT) letter” available in the project case file.

- iv. The project site has been used as a wastewater treatment facility since 1955, as such, the project is not converting forest farm, agricultural or other resource lands urban land uses not otherwise contemplated in the city's Comprehensive Plan.
- v. No structures are proposed for demolition. If demolition work is necessary it will be compliant with the city's requirements for demolition approval and will be required to notify the Puget Sound Clean Air Agency prior to demolition work commencing. Asbestos surveys and any required abatement will be required during demolition permitting/actions.
- vi. The project contains the critical areas noted below. The project has been reviewed for consistency with the city's critical areas ordinance (PMC 21.06).

<b>CRITICAL AREA</b>	
<b>X</b>	Critical aquifer recharge area
	10-year wellhead protection area
	5-year wellhead protection area
	1-year wellhead protection area
<b>X</b>	Geologic hazard area – Volcanic hazard area
	Geologic hazard area – Landslide hazard area
	Geologic hazard area – Erosion hazard area
<b>X</b>	Geologic hazard area – Seismic hazard areas
	Wetland and wetland buffer
	Fish and Wildlife Conservation Area - Stream and/or stream buffer
	Fish and Wildlife Conservation Area – General habitat area
	Flood prone area – 100-year floodplain
	Shoreline of the State

**10. HOUSING**

- i. The project will not adversely impact existing housing units or affect the development of housing units in the general vicinity of the project area.

**11. AESTHETICS**

- i. The proposed 3rd Secondary Clarifier is approximately three (3) feet tall and will be built mostly underground. The entire site is surrounded by a ten (10) foot high solid wall. As a result, no visual impacts will affect the aesthetics of the nearby community. The project will be consistent with the height limitation outlined in the applicable zone district, as stipulated by the Puyallup Municipal Code (title 20, zoning).
- ii. The project shall comply with all applicable design review requirements, site plan design requirements, and all design review overlay district standards/guidelines, as applicable to the project, at the time of final permit submittal.

**12. LIGHT AND GLARE**

- i. Exterior lighting fixtures shall be shielded from above in such a manner that the bottom edge of the shield shall be below the light source. Said lighting shall be shielded so that the direct illumination shall be confined to the property boundaries of the light source. Ground-mounted floodlighting or light projection above the horizontal plane is prohibited between midnight and sunrise.
- ii. None of the work stemming from the construction of the 3rd Secondary Clarifier is anticipated to produce light or glare. Light and glare are unlikely to be a safety hazard or impact views for people living and working in the surrounding area. There are no sources of light or glare off-site that would impact the proposal during the construction of the 3rd Secondary Clarifier.

### **13. RECREATION**

- i. The project will not disrupt, displace, or otherwise adversely impact any existing recreational opportunities in the area.

### **14. HISTORIC AND CULTURAL RESOURCES**

- i. There are no known historic, archaeological, scientific, or culturally important landmarks or materials on or immediately adjacent to the Puyallup WPCP project site. In the event that suspected historic artifacts, cultural artifacts, or objects of suspected archaeological value are discovered during site excavation, grading or other forms of site development/construction, all work on site shall stop immediately. This applies to all development activities that involve excavation regardless of exemption from permit requirements outlined in PMC 21.14.190.
- ii. The property owner/developer shall notify the City, the State Department of Archaeology and Historic Preservation (DAHP), the Puyallup Tribe of Indians, and the Muckleshoot Indian Tribe of any such findings. In these cases, the property owner/developer shall be required to provide for a site inspection and evaluation by a professional archaeologist or historic preservation professional, as applicable, in coordination with the state and/or affected tribes.
- iii. The project applicant and/or contractor may be required to complete an Inadvertent Discovery Plan (IDP), to the approval of the city, Project Engineer, the funding agency, the WA State Department of Archeology and Historic Preservation and affected Tribal governments (Muckleshoot and Puyallup). The IDP shall be completed in a form supplied by the Department and shall be completed prior to issuance of the civil permit for the site.

### **15. TRANSPORTATION**

- i. Staff has reviewed the traffic scoping worksheet waiver, which was reviewed by the Traffic Engineer and City Engineer, for consistency with the municipal code and city standards. The additional secondary clarifier will require less than 25 PM new peak hour trips. Due to the scope of the project, the Traffic Engineer nor the City Engineer didn't request additional analysis.
- ii. The project shall be compliant with all standards contained in PMC title 11, Streets and Sidewalks, including roadway improvements, street trees and street lighting.
- iii. The project shall be compliant with the Comprehensive Plan Transportation Element and implementing Active Transportation Plan. Right of way width to accommodate the future addition of pedestrian and bicycle facilities.

### **16. PUBLIC SERVICES**

- i. A resulting need for additional public services, such as police protection, fire protection, library, health care, facilities, schools, and various other municipal services, etc. is not anticipated from the project. This determination does not anticipate that the project will impact city services and utilities in a manner that would reduce the Level of Service (LOS) for the applicable utilities as adopted in the city's Capital Facilities Element.

### **17. UTILITIES**

- i. The project site is serviced by domestic water and sanitary sewer and the proposed project will not adversely impact the capacity of these systems.
- ii. Electricity, natural gas, refuse/recycling collection, internet and landline telephone service is provided by private utilities; property owner and/or applicant to determine availability of those private utilities to be provided on site.

Issuance of this threshold determination does not constitute approval of the permit. This proposal will be reviewed for compliance with all applicable City codes that regulate the applicable development activities, including, but not limited to, the International Fire/Building/Residential Codes, City of Puyallup Engineering Standards, Zoning Code, Surface Water Design Manual, Impact Fees, and the Critical Areas Ordinance.

### **DETERMINATION OF NON-SIGNIFICANCE (DNS)**

Upon review of applicable documentation, the responsible official of the lead agency hereby finds that this proposed permit action would not result in a probable significant adverse impact on the environment. The lead agency has determined that the requirements for environmental analysis, protection, and mitigation measures have been adequately addressed in the development regulations and comprehensive plan adopted under chapter 36.70A RCW, and in other applicable local, state, or federal laws or rules, as provided by RCW 43.21C.240 and WAC 197-11-158. Our agency will not require any additional mitigation measures under SEPA.

An Environmental Impact Statement (EIS) is not required, under RCW 43.21C.030 (2) (c). This finding is made pursuant to RCW 43.21C, PMC 21.04.120 and WAC 197-11 after reviewing a completed environmental checklist and other information on file with the lead agency. The responsible official finds this information reasonably sufficient to evaluate the environmental impact of this proposal. This information is available to the public upon request.

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### **COMMENTS**

Consistent with WAC 197-11-355, the Lead Agency issued a Notice of Application on August 02, 2023 with a single integrated comment period to obtain comments on the notice of application and the likely threshold determination for the proposal. Therefore, consistent with the optional DNS process outlined in WAC 197-11-355, there is no further comment period for the subject Determination.

### **APEALS**

Consistent with WAC 197-11-545 regarding commenting parties and agencies, an appeal to the subject DNS may be filed via a written request with the SEPA Responsible Official by applicable parties and agencies within 10 days of the issuance of this DNS, by **3:00 pm** on December 06, 2023

Appeals will be accepted by mail, or (preferably) by email. Please call the case planner listed below prior to submission of an appeal to make arrangements for submittal of the appeal documents.

- Please mail to: Development Services Department, Attn: Michelle Ochs, 333 S Meridian, Puyallup, WA 98371.
- To submit an appeal electronically, please send via E-mail to : [Planning@PuyallupWA.gov](mailto:Planning@PuyallupWA.gov) and [PermitCenter@PuyallupWA.gov](mailto:PermitCenter@PuyallupWA.gov) ; and/or contact the case planner below.
- Nabila Comstock, Assistant Planner at (253) 770-3361 or [NComstock@PuyallupWA.gov](mailto:NComstock@PuyallupWA.gov)

Prior to submittal and payment of the \$650.00 appeal fee, consult PMC 21.04.205 regarding SEPA Appeals or contact the SEPA Responsible Official at [Planning@PuyallupWA.gov](mailto:Planning@PuyallupWA.gov) or (253) 864-4165 to ask about the appeal procedures. Be prepared to make specific factual reasons, rationale, and/or the basis for the appeal. This determination will become final if no formal appeals are filed and/or reconsideration requests are made by the expiration date listed above.

Publication Date: November 20, 2023

Notice Published in: Tacoma News Tribune



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Nabila Comstock  
Assistant Planner

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November 20, 2023

Date



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Katie Baker, AICP  
City of Puyallup SEPA Responsible Official

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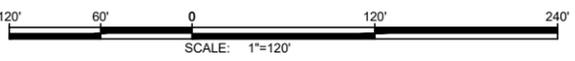
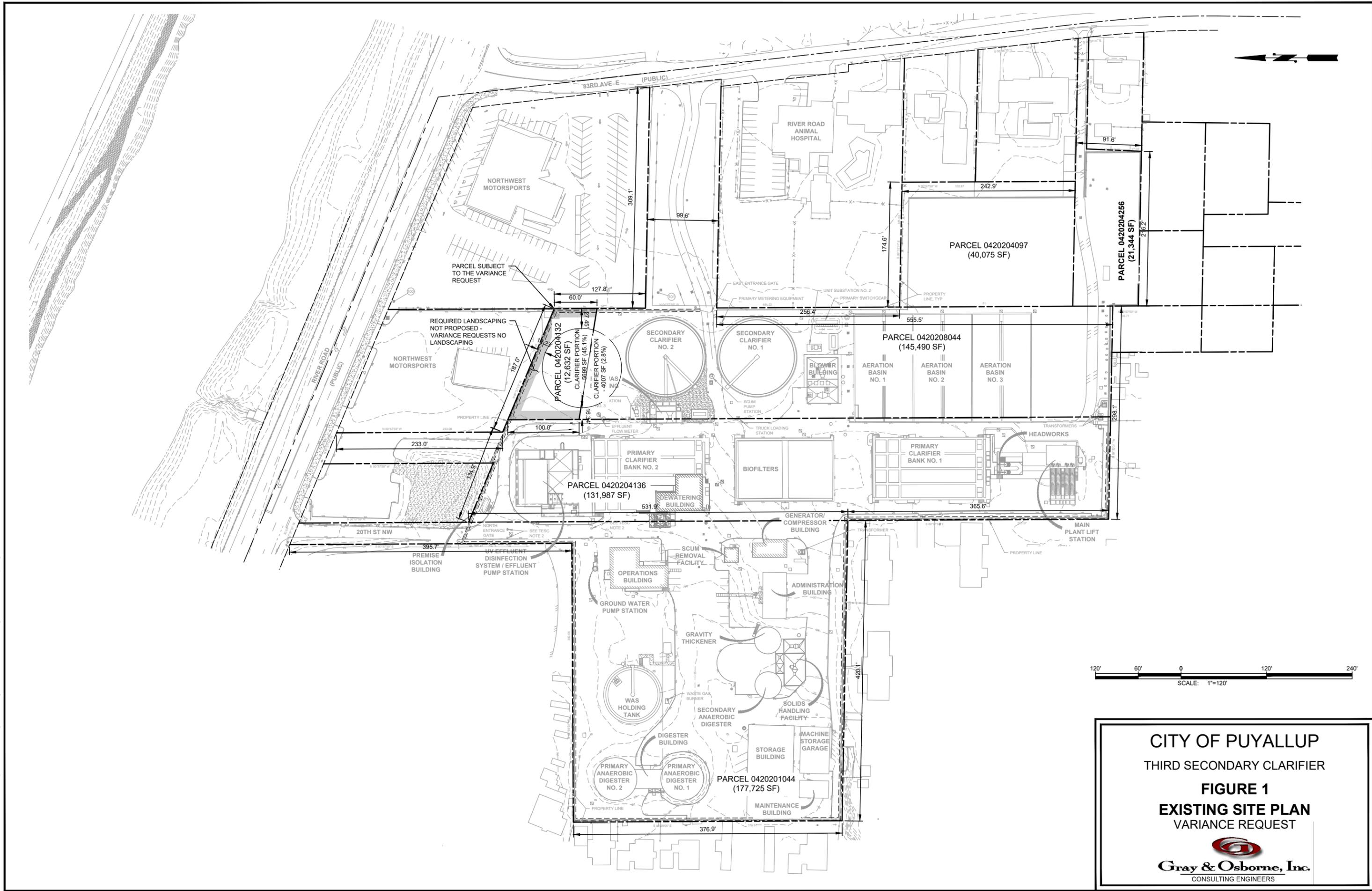
November 20, 2023

Date

Attachments:

- A. Site Plan
- B. Environmental Checklist

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CITY OF PUYALLUP  
THIRD SECONDARY CLARIFIER

**FIGURE 1**  
**EXISTING SITE PLAN**  
VARIANCE REQUEST

**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS

**LEGEND:**

- RIGHT-OF-WAY
- PROPERTY BOUNDARY
- - - EXISTING CONTOUR LINE
- - - PROPOSED CONTOUR LINE
- /// EXISTING ASPHALT PAVEMENT SURFACE
- [Pattern] EXISTING GRAVEL SURFACING
- [Pattern] EXISTING LANDSCAPING ROCK
- [Pattern] EXISTING GRASS
- [Pattern] NEW GRAVEL SURFACING
- [Pattern] GROUND COVER WITH LANDSCAPING BARK

**LANDSCAPING SCHEDULE**

SYMBOL	PLANT	QUANTITY	SIZE	MINIMUM SPACING	NOTES
[Symbol]	PACIFIC RHODODENDRON (RHODODENDRON MACROPHYLLUM)	7	2 GALLON	6'-0" ON-CENTER	NATIVE PLANT
[Symbol]	SHORE PINE (PINUS CONTORTA)	1	5 GALLON OR B&B	25'-0" ON-CENTER	NATIVE TREE
[Symbol]	COMMON SNOWBERRY (SYMPHORICARPOS ALBUS)	7	2 GALLON	6'-0" ON-CENTER	NATIVE PLANT
[Symbol]	BEACH STRAWBERRY (FRAGARIA CHILOENSIS)	150 (FIELD VERIFY)	1 GALLON	3'-0" ON-CENTER	NATIVE GROUND COVER

**Gray & Osborne, Inc.**  
 CONSULTING ENGINEERS  
 1130 RAINIER AVENUE SOUTH,  
 SUITE 300  
 SEATTLE, WASHINGTON 98144  
 (206) 284-0860



**CITY OF PUYALLUP**  
 WATER POLLUTION  
 CONTROL PLANT THIRD  
 SECONDARY CLARIFIER  
 CIP NO. 20-018  
 1602 18TH ST NW,  
 PUYALLUP, WA 98371

No.	DATE	REVISION
ISSUED FOR:	CONDITIONAL USE PERMIT	
ISSUE DATE:	OCTOBER 2023	
APPROVED BY:	DAW	
CHECKED BY:	DAW	
DRAWN BY:	CRR	
DESIGNER:	DAW	
G & O JOB NO.:	21462.00	
FILE:	LDSCP_PLN.DWG	



**APPROVED**

BY: \_\_\_\_\_  
 CITY ENGINEER  
 CITY OF PUYALLUP

APPROVED DATE: \_\_\_\_\_

EXPIRATION DATE: \_\_\_\_\_

NOTE: This approval expires on the date shown. If construction has not started by expiration date, plans must be resubmitted for review and approval.

The City will not be responsible for errors and/or omissions on these plans.

Field conditions may dictate changes to these plans as determined by the City Engineer.

**City of Puyallup**  
 Development & Permitting Services  
**ISSUED PERMIT**

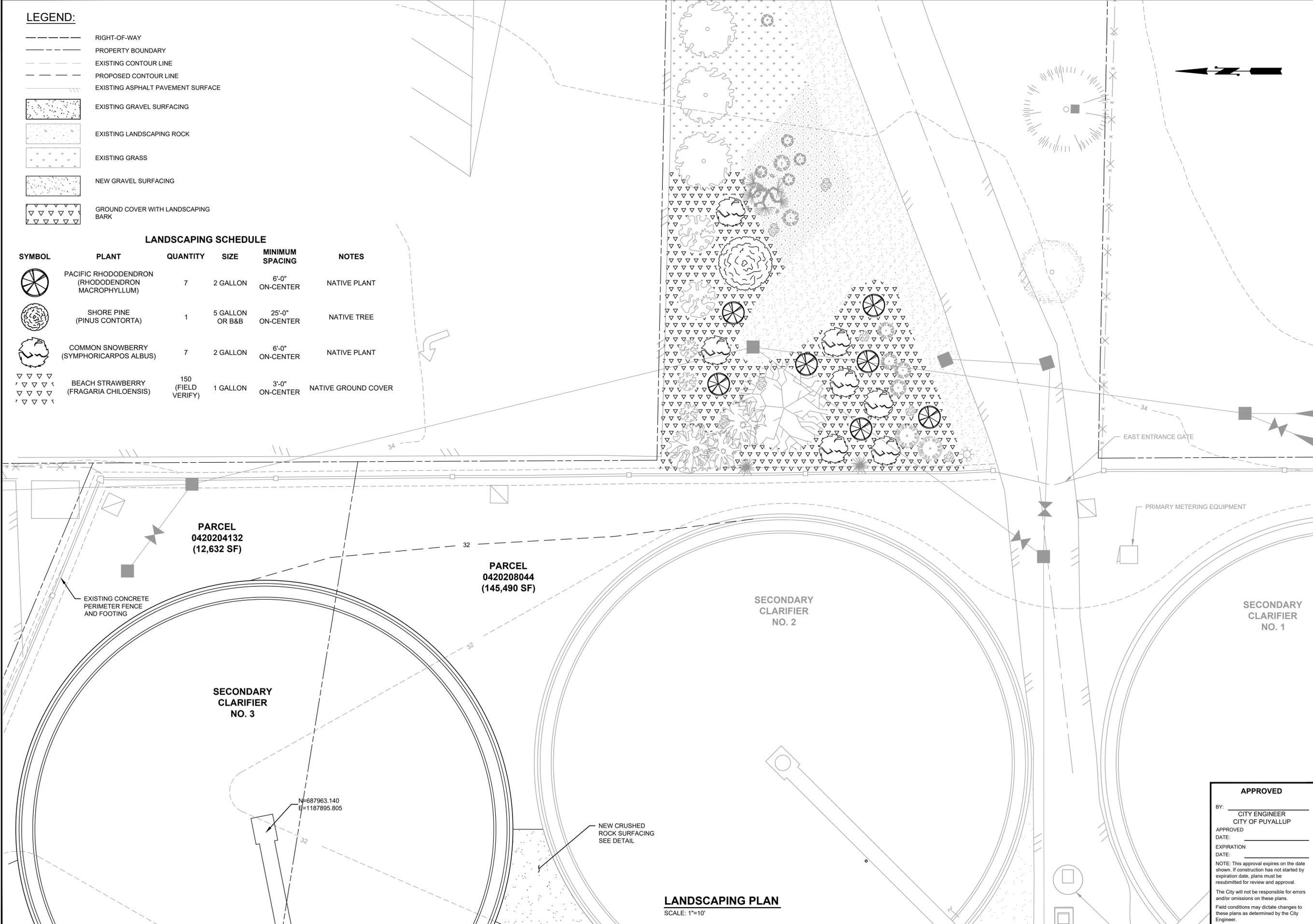
Building	Planning
Engineering	Public Works
Fire	Traffic

**LANDSCAPING PLAN**

DRAWING: **L-1** OF: **1**

**LANDSCAPING PLAN**  
 SCALE: 1"=10'

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City of Puyallup  
Development Services  
333 S. Meridian  
Puyallup, WA 98371  
Tel. (253) 864-4165 Fax. (253) 840-6670

## **SEPA ENVIRONMENTAL CHECKLIST (2015 UPDATED VERSION)**

### **Purpose of Checklist:**

The State Environmental Policy Act (SEPA), Chapter 43.21 RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency whether an EIS is required.

### **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.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

**If you are not already submitting an 8-1/2" x 11" reduction of your project site plan to the city as part of a companion case submittal, please submit a copy as a part of this SEPA application.**

**Please submit eight (8) copies of the completed SEPA checklist application packet.**

**A. BACKGROUND**

1. Name of proposed project:

Water Pollution Control Plant (WPCP) Third Secondary Clarifier, CIP No. 20-018

2. Name of Applicant:

Jessica Wilson  
Department of Public Works  
City of Puyallup

3. Mailing address, phone number of applicant and contact person:

333 S. Meridian  
Puyallup, WA 98371  
Contact: Jessica Wilson, Public Works Engineering  
Phone: 253-435-3645

4. Date checklist prepared:

June 5, 2023

5. Agency requesting checklist:

City of Puyallup

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

Construction is anticipated to start in October 2023 and be completed by March 2025.

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

Future improvements at the WPCP site include mechanical and electrical upgrades to existing equipment. Construction of new or expanded structures is not contemplated at this time.

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

Geotechnical Report, Proposed Secondary Clarifier No. 3, PanGeo, Inc, August 2021

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.

None known.

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

City of Puyallup Conditional Use Permit  
City of Puyallup Building Permit

11. Give brief, complete description of your proposal, including 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 or project description).

The project includes the construction of a new 110 foot diameter Secondary Clarifier, approximately 175 feet of new piping and associated electrical work to connect the new clarifier to the existing hydraulic and SCADA systems, installation of a magnetic flow meter and a 4th return activated sludge pump in the lower level of the existing RAS/WAS Building, HVAC, architectural and electrical work in the main floor of the RAS/WAS Building, installation of a new submersible pump, radar level sensor and piping revisions at the existing effluent flowmeter manhole to create a scum pump station. Site restoration includes replacement of existing asphalt impacted by underground trenching for the project and installation of crushed surfacing gravel on the south and west sides of the new clarifier. The proposed project was included in the approved 1996 Wastewater Facility Plan. The 1997 construction project at the WPCP installed the stone columns that will be used to support the third clarifier and the deep piping stub-outs that will be used to connect the third clarifier to the existing WPCP hydraulic system.

The project site includes three parcels, Parcels No. 0420204132, 0420208044 and 0420204136, of the five parcels that are included in the entire WPCP. Parcel No. 0420204132 and 0420208044 are the subject of a current Lot Combination Application.

The project is located at the City of Puyallup WPCP. The site is zoned PF. The existing site plan of the entire WPCP and the subject Parcels No. 0420204132, 0420208044 and 0420204136 is shown in the attached Figure 1 the proposed site plan is shown in Figure 2.

12. Location of proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address, if any, and section, township, and range, if known. If the proposal would occur over a range of area, provide the range of 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 WPCP is located at 1602 18th Street NW Puyallup, WA 98371. The WPCP is located south of River Road, north of 13th Avenue NW and west of 18th Street NW.

The WPCP location is 47degrees12'18.46" N 122 degrees19'21.54" W

A location of the WPCP is attached (Sheet G-1).

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep, slopes, mountains, other \_\_\_\_\_
- b. What is the steepest slope on the site (approximate percent slope)? 0.5%
- 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.

Soils consist of approximately 1 - 5 feet of fill (loose to medium dense, brown, sand with gravel and silt) immediately below the ground surface, 22-25 feet of alluvium below the fill (loose to medium dense, silty sand and medium stiff sandy silt. The Alluvium overlays approximately a 15 - 20 foot layer of looser and finer soils (silt to organic silt and clayey silt). Below a depth of about 40-45 feet, the soils generally consist of medium dense to dense/stiff to very stiff interlayers of sand and silt that extend to the maximum depth of the subsurface geotechnical explorations (about 80 to 101 feet).

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

There are no surface indications of unstable soils in the immediate vicinity. However, several structures on the WPCP are supported on stone columns to minimize the potential for liquefaction in the event of a significant seismic event. The proposed 3rd Secondary Clarifier will be supported on stone columns that were installed as part of an expansion of the WPCP in 1999.

- e. Describe the purpose, type and approximately quantities of any filling or grading proposed. Indicate source of fill.

The proposed 3rd Secondary Clarifier will be installed mainly below existing ground surface. Approximately 11,000 CY of material will be excavated and removed from the site. Approximately 1,600 CY of material will be need for structural backfill around the exterior of the Secondary Clarifier walls and the pipe trenches.

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

Given the flat terrain of the WPCP site it is unlikely that erosion could occur as a result of clearing or construction. The Contractor will be required to follow Best Management Practices (BMPs) to prevent erosion and sediment transport. BMPs will include, but not be limited to, covering of soil/gravel stockpiles, sediment barriers in existing catch basins, installation of silt fencing, and wheel wash stations.

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

The proposed project is located on Parcels No. 0420204132, 0420208044 and 0420204136 (Parcels No. 0420204132 and 0420208044 are the subject of a Lot Combination Application). Approximately 32 percent of the combined parcels will be covered with impervious surface after project construction.

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

The Contractor will be required to follow a Stormwater Pollution Prevention Plan (SWPPP) that meets the requirements of the Department of Ecology Stormwater Management Manual for Western Washington, 2019. The SWPPP is a 13 point plan that determines the BMPs that will be employed on site to prevent erosion and sediment transport off-site.

2. Air

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

Diesel and gas powered construction equipment exhaust and dust from construction activities may contribute to air emissions during construction. The operation of the completed Secondary Clarifier and mechanical improvements in the existing RAS/WAS building will not contribute to air emissions. Quantity of emission during construction is unknown.

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

There are no off-site sources of emissions or odor that would affect this project.

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

The Contractor will be required to utilize properly maintained construction equipment to minimize the potential for diesel and gas emissions. Daily dust suppression during construction will be required in dry weather.

3. Water

- a. Surface Water:

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 and river it flows into.

The Puyallup River is located approximately 450 feet north of the WPCP. The Puyallup River flows into Puget Sound at Commencement Bay in Tacoma.

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.

No.

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.

None.

4. Will the proposal requires 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 northern portion of the WPCP is located within a 100-year floodplain. See attached National Flood Insurance Program map, indicating WPCP Flood Hazard.

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.

The proposal does not include discharge of waste materials to surface waters.

b. Ground:

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.

The Geotechnical Report prepared for this project encountered groundwater between 8-20 feet below ground surface. It is likely groundwater dewatering will be required during construction. It is anticipated groundwater will need to be controlled to prevent erosion and instability of the excavation slopes, however excessive pumping of groundwater could lead to ground settlement under other structures. The Geotechnical Report recommended the use of ground freezing or cut-off shoring walls to limit the need for groundwater pumping. Pump dewatering water would be treated to remove sediment and discharged to the existing stormwater collection system.

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.

No wastes will be discharged into the ground.

c. Water Runoff (including storm water):

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

Water runoff will originate from storm water and potentially snow melt. The WPCP is served by a stormwater collection system that discharges to the Puyallup River. The Secondary Clarifier is an open tank - any stormwater falling on the surface of the Secondary Clarifier is discharged along with treated wastewater through the outfall to the Puyallup River.

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

Waste materials are not likely to enter ground or surface waters.

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

The location of the proposed 3rd Secondary Clarifier is currently covered with grass. Drainage from the area surface flows into the stormwater collection system and is discharged to the Puyallup River. The proposed 3rd Secondary Clarifier is an open tank. Stormwater falling on the 9,500 sf of water surface in the Secondary Clarifier will be discharged along with treated wastewater through the outfall to the Puyallup River. The proposed project will decrease the amount of runoff from the project site.

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

Stormwater falling on the 9,500 sf of water surface in the Secondary Clarifier will be discharged along with treated wastewater through the outfall to the Puyallup River. The proposed project will decrease the amount of runoff from the project site. Surface restoration of the approximately 175 feet of trenching for new piping and associated electrical work to connect the new clarifier to the existing hydraulic and SCADA systems will be sloped to existing catch basins.

4. **Plants**

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- pasture
- crop or grain
- orchards, vineyards or other permanent crops.
- wet solid 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?

Approximately 10,000 square feet of grass will be removed.

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

The Department of Natural Resources List of Sections Containing Natural Heritage Features did not identify any threatened or endangered plant species in the vicinity of the WPCP, Township 20 Range 4 East.

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

None. The WPCP is surrounded by a 10-foot high concrete fence that provides security and a visual barrier for surrounding properties. Installation of trees and other vegetation that could cause leaves or other vegetation to fall onto the open water surface of the clarifier is not compatible with the operation of the wastewater treatment process.

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

None known.

5. **Animals**

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

Birds: (hawk), heron, (eagle), (songbirds) other \_\_\_\_\_

Mammals: deer, bear, elk, beaver, other \_\_\_\_\_

Fish: bass, (salmon), (trout), herring, shellfish, other: \_\_\_\_\_

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

Puget Sound chinook salmon, Puget Sound steelhead and Puget Sound bull trout are EAS - listed as "Threatened". These species migrate through the Puyallup River in the vicinity of the WPCP.  
Marbled murrelets which are ESA-listed as "Threatened" may fly past the WPCP along the Puyallup river during daily feeding migrations.

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

The WPCP is located in the Pacific flyway bird migratory route.  
Salmon, trout, bull-trout, lampreys, sturgeon and other fish species may migrate past the WPCP in the Puyallup River.  
Marbled murrelets may migrate past the WPCP along the Puyallup River during their daily feeding migrations.

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

Erosion and sediment control BMPs will be instituted during construction to prevent sediment laden stormwater runoff from discharging to the Puyallup River.

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

None known.

**6. Energy and Natural Resources**

- a. What kind 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.

Electric energy will be used to power the motors that run the Secondary Clarifier, pumps and replaced mechanical/HVAC equipment in the RAS/WAS building. The electric energy will be used for wastewater treatment.

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

The project will not affect the potential use of solar energy by adjacent properties.

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

Energy efficient motors will be specified for all new equipment.

7. **Environmental Health**

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

The only environmental health hazards associated with construction of the proposed 3rd Secondary Clarifier project would be the temporary increase in fuels, coolants and lubricants in equipment employed to construct the improvements and the use of liquid nitrogen, salt brine or other refrigerant to stabilize the excavation using ground freezing.

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.

There are no known hazardous chemicals/conditions that would affect the completion of this project.

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.

Fuel and lubricants for construction equipment would be stored and used on site during construction. Pump lubricants for newly installed equipment may be stored on site during the operating life of the project.

4. Describe special emergency services that might be required.

The Puyallup Fire Department would be advised of the proposed construction project, but no need for special emergency services is anticipated.

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

This project will replace equipment in the RAS/WAS Building that is nearing its useful design life. By installing new, up-to-date equipment the potential for environmental health hazards due to malfunctioning equipment is lessened. Construction equipment will be equipped with emergency spill clean-up kits and construction crews will be trained in their use to prevent exposure to hydraulic fluids, diesel fuel and gasoline.

b. Noise

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

Noise in the area will not affect construction or operation and maintenance of Secondary Clarifier No. 3 or the improvements in the existing RAS/WAS Building.

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

Construction activities will create short-term noise impacts during excavation, building and material/equipment delivery. Construction related noise would occur between 7:00 am and 6:00 pm per the construction contract. Noise producing activities associated with operation and maintenance of the proposed new facilities include the motor drive and the water spray bar on the Secondary Clarifier. It is unlikely these noises are noticeable off-site.

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

Construction equipment will be required to be properly muffled. Construction hours will be limited to weekdays from 7 am to 6 pm per the construction contract provisions. (Construction noise limited to 7 am to 10 pm per PMC 6.16.060(2)(b)).

**8. Land and Shoreline Use**

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

The site (Parcels No. 0420204132, 0420208044 and 0420204136) is currently occupied by the City of Puyallup WPCP. The properties to the west are also occupied by the City of Puyallup WPCP. The property immediately north and northeast of Parcel 0420204132 is occupied by a business, "Northwest Motorsport". The property to the east of Parcel 0420208044 is occupied by the River Road Animal Hospital. Properties to the south of Parcels 0420208044 and 0420204136 are residential (RS-08).

The proposal will not affect current land uses on nearby or adjacent properties.

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

The site has been used for wastewater treatment since 1955. Portions of the site may have been used for agriculture prior to that time.

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:

There are no working farms or forest land in the vicinity of the WPCP. The proposal will not affect or be affected by surrounding working farm or forest land operations.

c. Describe any structures on the site.

Parcel 0420208044 of the WPCP includes the following structures:  
Secondary Clarifiers No. 1 and 2  
RAS/WAS Building  
Blower Building  
Aeration Basins No. 1, 2 and 3  
Parcel 0420204136 of the WPCO includes the following structures:  
Main Plant Lift Station  
Headworks  
Primary Clarifiers No. 1 and 2  
UV Disinfection/Effluent Pump Station  
Bioreactors  
The remainder of the WPCP includes the following structures:  
Solids Handling Facilities  
Primary Anaerobic Digesters No. 1 and 2  
Secondary Anaerobic Digester  
Temporary Sludge Holding Tank  
Operations Building  
Generator and Compressor Building  
Scum Removal Facility

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

No structures will be demolished for the proposal.

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

The current zoning is PF - Public Facility

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

PF - Public Facility

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

NA

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

The northeast portion of the entire WPCP site is located within Zone X associated with the Puyallup River. Zone X is an area protected by levees from 1% annual change flood. The FIRM panel, effective March 2017, that includes the City of Puyallup WPCP is attached.

The entire WPCP is located in a critical aquifer recharge area, volcanic hazard area and seismic hazard area.

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

The City employs 18 WPCP Operators and maintenance personnel. It is not anticipated that additional staff will be required to operate and maintain the proposed improvements.

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

No people would be displaced by the completed project.

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

No people will be displaced by the proposed project. No measures to avoid or reduce displacement impacts are required.

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

The WPCP must be sized to provide adequate treatment capacity to meet the population estimates for the service area. The existing Secondary Clarifiers do not have adequate capacity to meet the reliability criteria requirements. Construction of the third Secondary Clarifier will provide adequate clarification capacity for 45.6 mgd which is approximately 91% of the estimated buildout flow.

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

There are no nearby agricultural or forest lands. The proposal does not affect agricultural or forest lands.

**9. Housing**

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

No housing units will be provided.

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

No housing units will be eliminated.

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

NA

**10. Aesthetics**

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

The majority of the third Secondary Clarifier will be underground. The elevation of the top of the clarifier wall is 32.75 feet. The surrounding ground surface varies from 30 to 32 feet. The maximum wall height will be approximately 3 feet.

The existing RAS/WAS building is 13 feet tall. The exterior of the RAS/WAS building will not be altered.

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

No views will be altered or obstructed.

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

None.

**11. Light and Glare**

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

It is not anticipated that any of the work included in the project will produce light or glare.

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

Light and glare from the WPCP are unlikely to present a safety hazard or interfere with views.

- c. What existing off-site sources of light or glare may affect your proposal?

There are no off-site sources of light or glare that would affect the proposed project.

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

No measures to reduce or control light and glare impacts are proposed.

**12. Recreation**

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

A bike/pedestrian path is located approximately 400 feet north of the WPCP on the north side of River Road.

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

The proposed project will not displace any existing recreational uses.

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

There will be no impact to recreation or recreational opportunities therefore no measures to reduce or control impacts are proposed.

**13. Historic and Cultural Preservation**

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

According to the Department of Archeology & Historic Preservation's WISAARD Website, there are no structures listed or eligible of state or federal historic registers in the immediate project area.

- 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 historic, archaeological, scientific or culturally important landmarks or materials on or immediately adjacent to the Puyallup WPCP project site.

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

The WISAARD map application identified one property within T20N R4E S20 (location of the WPCP) that has been determined eligible. This property is located at 7022 River Road E, Puyallup, WA 98371. The property is approximately 0.75 miles northwest of the WPCP.

The stone column pilings that will be used to support the new secondary clarifier were installed as part of the 1999 WPCP expansion project. The stone columns are about 12 to 15 inches in diameter and spaced about 8 to 9 feet apart to a depth of approximately 44 feet below the surface. The columns are filled with crushed rock. These columns underlay the entire site of the new secondary clarifier. There is no indication that cultural or historic artifacts were identified during the excavation of the site as preparation for the installation of the stone columns or during the installation of the stone columns in 1999.

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

The project specifications will include an Inadvertent Discovery Plan. In the event that potentially significant cultural, historic or archaeological materials are encountered during construction work in the immediate vicinity must be stopped and the City of Puyallup, the Project Engineer, the funding agency, the Department of Archeology and Historic Preservation and the concerned tribes (Muckleshoot & Puyallup) will be consulted regarding recording and curation of any significant artifacts.

#### 14. **Transportation**

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

The WPCP is accessed via 18th Street NW. Access to 18th Street NW is via River Road and W Stewart Avenue.

- 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?

Pierce Transit Route 400 stops at 18th Street NW and W Stewart Avenue. This stop is approximately 0.6 miles from the entrance to the WPCP.

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

The proposed project will not create or eliminate parking spaces.

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

The proposed project will not require any new roads or significant improvements to existing roadways.

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

The proposed project will not use water, rail or air transportation. The Puyallup River is regarded as navigable approximately 3.5 miles downstream of the WPCP. The nearest railroad tracks parallel W Stewart Avenue, approximately 0.6 miles south of the WPCP site. The rail station is located at 131 W Main, approximately 1.7 miles from the entrance to the WPCP.

- 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 proposed project would not generate any additional trips to the WPCP. Typically, vehicular trips to the WPCP are limited to staff members and delivery trucks. Assuming 18 FTE, vehicular trips per day would be approximately 50 (assume 2 trips/day per employee and 14 delivery vehicles).

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

The project will not interfere with, affect or be affected by the movement of agricultural and forest products on road or streets in the area.

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

Deliveries of large/over-sized structures and equipment would be scheduled outside of the heaviest early morning traffic period, as much as possible.

**15. Public Services**

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

Construction and operation and maintenance of the proposed project will not require additional public services, fire protection, police protection, health care facilities or schools.

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

The City of Puyallup Police and Fire Departments will be notified that construction will be taking place at the WPCP.

**16. Utilities**

- a. Circle utilities currently available at the site:

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

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The project will not require new utility service. The installation of new electrical motors and HVAC equipment will be powered via existing service panels. Electrical energy is provided by Puget Sound Energy.

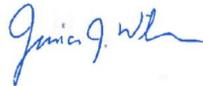
**C. SIGNATURE**

I hereby state that I am the owner or authorized agent listed above, and certify that all information contained above and in exhibits attached hereto are true and correct to the best of my knowledge and belief. I understand that the processing of this application may require additional supporting material upon request to City staff.

RIGHT OF ENTRY: By signing this application the applicant grants unto the City and it's agents the right to enter upon the premises for purpose of conducting all necessary inspection to determine compliance with applicable laws, codes, and regulations. This right of entry shall continue until a certificate of occupancy is issued for the property.

Signature of Property Owner: \_\_\_\_\_

Date: \_\_\_\_\_

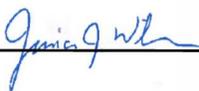


Signature of Agent: \_\_\_\_\_

Date: 6/27/2023

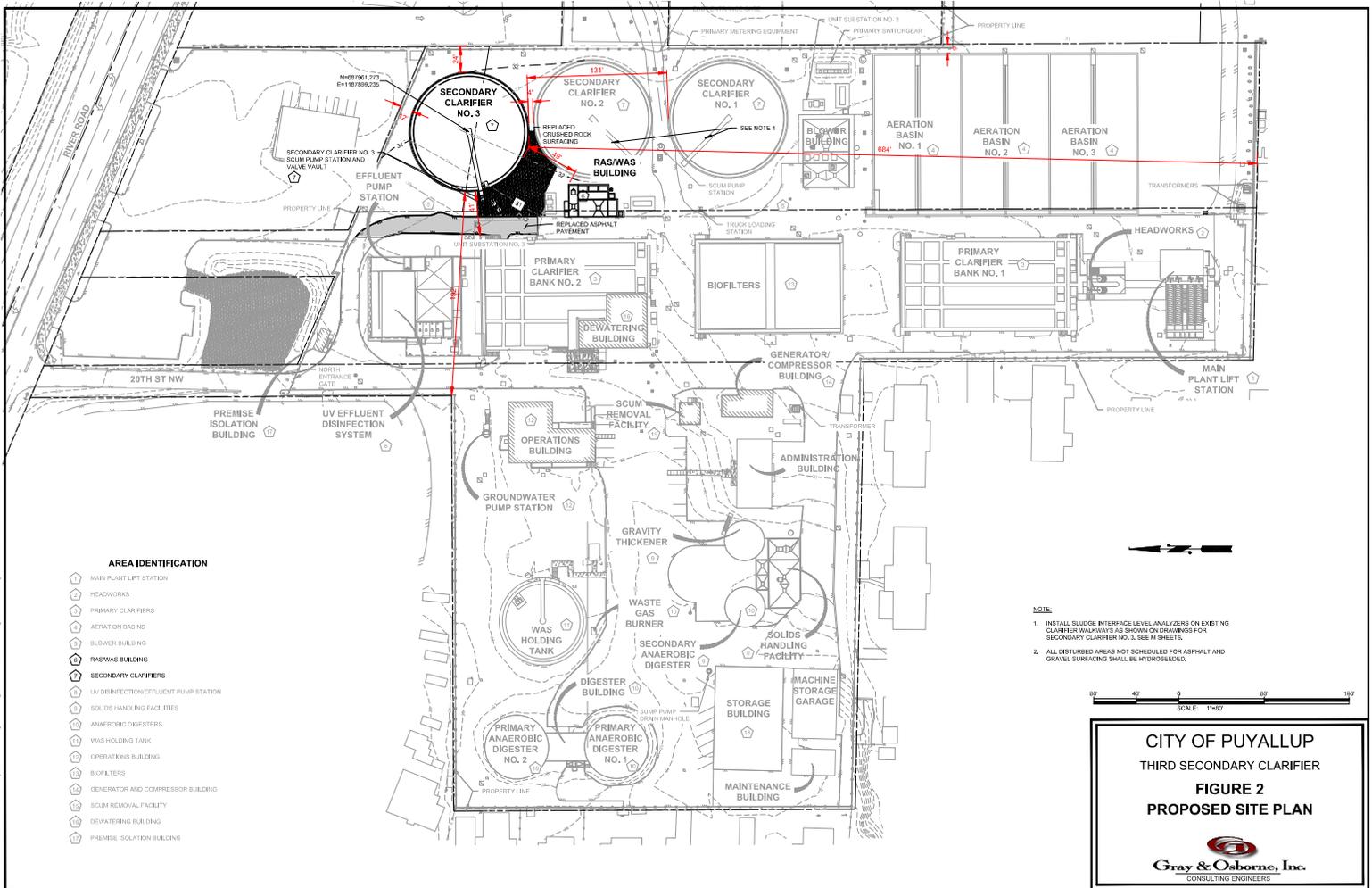
I declare under penalty of perjury of the laws of the State of Washington that the foregoing is true and correct.

Dated: July 27 in 2023, Washington.

  
\_\_\_\_\_







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**NOTES TO USERS**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources or small levees. The community map repository should be consulted for more information on all areas subject to flooding.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodway Elevation Summaries of Shallow Water Values are shown within the Flood Insurance Study (FIS) Report that accompanies this FIRM, Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accuracy of flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of administration and/or flood management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.5 D North of the National Tidal Datum of 1988 (NATD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Shallow Water Values table in the Flood Insurance Study Report for the jurisdiction. Elevations shown in the Summary of Shallow Water Values table should be used for construction and/or flood management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the Floodway were computed at cross sections and interpolated between cross sections. The Floodway were based on hydrologic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for the jurisdiction.

Certain areas not in Coastal Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 10. The horizontal datum was NAD 83 GRS 1980 referenced. Differences in datum, vertical projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in maps between adjacent jurisdictions. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to elevation and/or ground elevations indicated on the same vertical datum. The information relative to vertical datum differences between the National Geodetic Vertical Datum of 1955 and the North American Vertical Datum of 1988 is available at the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NDS Information Services  
NAD83, NAVD83  
National Geodetic Survey  
2050 L Street  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

To obtain current elevation, description, and/or location information to barrier walls shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was derived from multiple sources. Base maps that were provided in digital format by Pierce County GIS, WA DNR, WSDOT (CADRS, Washington State Department of Ecology, and Puget Sound Regional Council). This information was compiled at a scale of 1:1,200 to 1:24,000 during the time period 1998-2012.

The profile lines shown on this map represent the hydrologic modeling boundaries that result in the flood elevations on this FIRM. As a result of improved topographic data, the profile lines, in some cases, may deviate significantly from the original profile lines published on the FIS.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred since this map was published, map users should contact appropriate community officials to verify current corporate limits locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a listing of Communities with National Flood Insurance Program status. It also contains information on how to obtain a copy of this FIRM, as well as a listing of the communities as well as a listing of the communities with National Flood Insurance Program status.

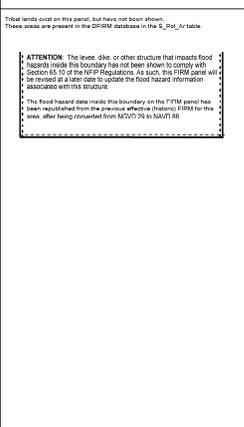
For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://www.firm.gov>. Available products may include previously issued editions of Map Change or Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FIRM Map Information Exchange (FIRM) at 1-877-FIRM-MAP (1-877-336-2277) or visit the FIRM website at <http://www.firm.gov>.

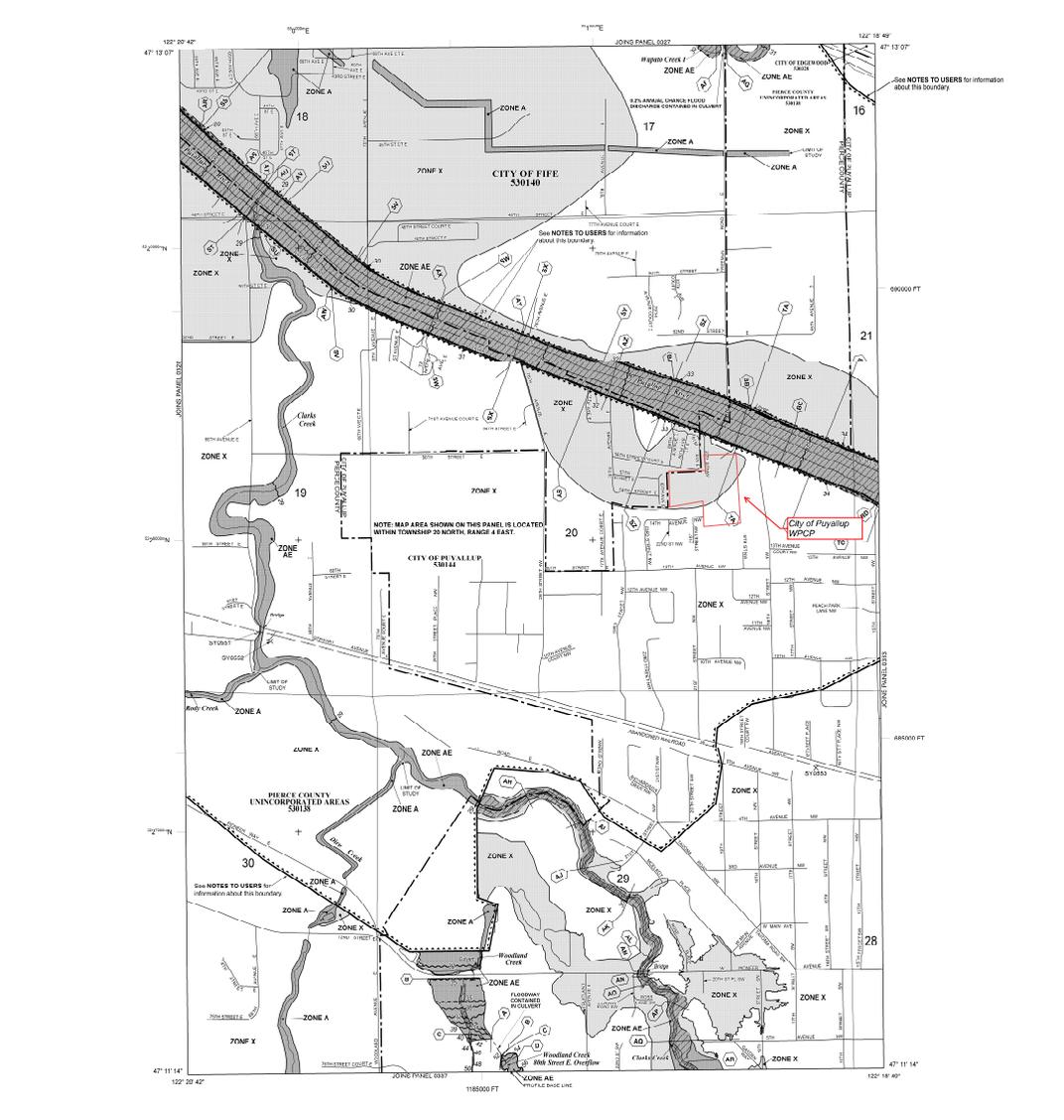
Flood levels shown on this panel, but have not been shown. These areas are present in the DFIRM database in the S\_Pol\_Ar table.

**ATTENTION:** The levee, dike, or other structure that impedes flood hazards inside the boundary has not been shown to comply with Section 65.10 of the NFIP Regulations. As such, this FIRM panel will be removed at a later date to update the flood hazard information associated with this structure.

The Flood Hazard data inside this boundary on the FIRM panel has been republished from the previous effective (Current) FIRM to the area, after being consulted from NCEV95 to NAVD 88.



See NOTES TO USERS for information about this boundary.



**LEGEND**

**OFFICIAL HAZARD AREAS (PERIODIC RE-EVALUATION)**  
**UNDEVELOPED AREAS (PERIODIC RE-EVALUATION)**  
 The 1% Annual Chance Flood (100-year flood) also known as the "base flood" is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Areas are shown on this map as follows: Zone A, Zone AE, Zone X, Zone Y, Zone V, Zone VE, Zone VE1, Zone VE2, Zone VE3, Zone VE4, Zone VE5, Zone VE6, Zone VE7, Zone VE8, Zone VE9, Zone VE10, Zone VE11, Zone VE12, Zone VE13, Zone VE14, Zone VE15, Zone VE16, Zone VE17, Zone VE18, Zone VE19, Zone VE20, Zone VE21, Zone VE22, Zone VE23, Zone VE24, Zone VE25, Zone VE26, Zone VE27, Zone VE28, Zone VE29, Zone VE30, Zone VE31, Zone VE32, Zone VE33, Zone VE34, Zone VE35, Zone VE36, Zone VE37, Zone VE38, Zone VE39, Zone VE40, Zone VE41, Zone VE42, Zone VE43, Zone VE44, Zone VE45, Zone VE46, Zone VE47, Zone VE48, Zone VE49, Zone VE50, Zone VE51, Zone VE52, Zone VE53, Zone VE54, Zone VE55, Zone VE56, Zone VE57, Zone VE58, Zone VE59, Zone VE60, Zone VE61, Zone VE62, Zone VE63, Zone VE64, Zone VE65, Zone VE66, Zone VE67, Zone VE68, Zone VE69, Zone VE70, Zone VE71, Zone VE72, Zone VE73, Zone VE74, Zone VE75, Zone VE76, Zone VE77, Zone VE78, Zone VE79, Zone VE80, Zone VE81, Zone VE82, Zone VE83, Zone VE84, Zone VE85, Zone VE86, Zone VE87, Zone VE88, Zone VE89, Zone VE90, Zone VE91, Zone VE92, Zone VE93, Zone VE94, Zone VE95, Zone VE96, Zone VE97, Zone VE98, Zone VE99, Zone VE100.

**ZONE A** No Base Flood Elevation Determined.  
**ZONE AE** Special Flood Hazard Determined.  
**ZONE X** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE V** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE1** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE2** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE3** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE4** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE5** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE6** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE7** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE8** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE9** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
**ZONE VE10** Flood depths of 1 to 3 feet (usually from on-shore winds). Base Flood Elevation Determined.  
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**MAP SCALE 1" = 500'**

**MAP NUMBER 53030303E**

**EFFECTIVE DATE MARCH 7, 2017**

**FIRM FLOOD INSURANCE MAP PIERCE COUNTY, WASHINGTON AND INCORPORATED AREAS**

**PANEL 129 OF 1375**

**(SFP MAP INDEX FOR FIRM PANEL 1) (AVAIL)**

COMMUNITY	NUMBER	PANEL	STATUS
EDWARDS, CITY OF	12908	129	E
EDWARDS, CITY OF	12909	129	E
PERLA, COUNTY	12910	129	E
PERLA, COUNTY	12911	129	E
PERLA, COUNTY	12912	129	E

Notes to User: The Map Number shown below should be used when ordering this map. The Community Number shown above should be used on insurance applications for the subject community.

**Federal Emergency Management Agency**