



PARKS & PUBLIC WORKS COUNCIL COMMITTEE & COMMITTEE OF THE WHOLE REGULAR MEETING

Tuesday, August 16, 2022, at 5:00 PM

COMMITTEE MEMBERS

Bryan Holloway, Chair
Jolyon Johnson, Councilmember
Ethan Benson, Councilmember

LOCATION & CONTACT

Snoqualmie City Hall – Via Zoom
38624 SE River Street | Snoqualmie, WA 98065
Phone: 425.888.1555 | www.snoqualmiewa.gov

This meeting will be conducted in person and remotely using teleconference technology provided by Zoom.

Join by Telephone at 5:00 PM: To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **867 8554 3964** and Password **1700050121** if prompted.

Press *9 to raise your hand to speak. Raising your hand signals the meeting moderator that you have a comment.

Press *6 to mute and unmute.

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- 1) Click this [link](#).
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CALL TO ORDER & ROLL CALL

PUBLIC COMMENTS

MINUTES

1. The August 2, 2022 minutes are not available at this time.

AGENDA BILLS

- 2. AB22-108:** Water Reclamation Facility Phase 3 Update and Amendment to RH2 Services Agreement

Proposed Action: Approve an amendment to the WRF Phase 3 design services agreement with RH2 Engineering.

- 3. AB22-113:** Adopting the General Sewer Plan (Resolution No. 1621)

Proposed Action: Approve Resolution No. 1621 adopting the General Sewer Plan and authorize final submittal to agencies.

DISCUSSION

4. Emerald Ash Borer Beetle

- 5.** [Sidewalk Status Update](#)

ADJOURNMENT



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB22-108
August 22, 2022
Committee Report

Item 2.

AGENDA BILL INFORMATION

TITLE:	AB22-108: Water Reclamation Facility Phase 3 Update and Amendment to RH2 Services Agreement	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Approve an amendment to the design services agreement with RH2 Engineering.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director/Peer	Mike Chambless	8/9/2022
	Finance	Drew Bouta	8/9/2022
	Legal	Anna Astrakhan	8/3/2022
	City Administrator	Mike Sauerwein	8/9/2022

DEPARTMENT:	Parks & Public Works		
STAFF:	Andrew Vining		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: August 16, 2022	
MEMBERS:	Bryan Holloway	Ethan Benson	Jo Johnson
EXHIBITS:	1. Amendment No. 1 Water Reclamation Facility Phase 3 Improvements 2. CIP Worksheets - Amended 2021-2026 CIP May 2021 3. CIP Worksheet, pg 81 - 2023-2028 CIP Adopted August 2022		

AMOUNT OF EXPENDITURE	\$ 664,887
AMOUNT BUDGETED	\$ 5,000,150 (for 2021-22 Biennium)
APPROPRIATION REQUESTED	\$ 0

SUMMARY

INTRODUCTION

This agenda bill seeks to amend the existing services agreement with RH2 Engineering for the Water Reclamation Facility (WRF) Phase 3 Project to include the final project design, permitting, and support during bidding. The WRF Phase 3 Improvements will increase sewer treatment capacity, enhance performance, and replace critical components that are nearing the end of their expected service life.

LEGISLATIVE HISTORY

The original contract with RH2 Engineering was approved by Council on February 28, 2022 under [AB22-031](#) to complete preliminary design of the WRF Phase 3 Improvements. On May 31, 2022 under [AB22-073](#) Council Approved an amendment to the existing agreement between the City of Snoqualmie and the Snoqualmie Tribe for the provision of added sewer utility service. The agreement included General Facility Charges (GFCs) as well as appropriations to increase capacity of the WRF solids handling facility not originally included as part of the WRF Phase 3 project.

BACKGROUND

The City of Snoqualmie receives and treats municipal wastewater as defined by the Washington State Department of Ecology NPDES Permit. The permit limits are based on the capacity for which the WRF was designed. When wastewater flow and loading to the WRF reaches 85 percent of the design capacity, the City must begin the planning process for modifying the facility to increase capacity. In addition to these capacity requirements, many of the WRF components have operated continuously for the past 20 years and are nearing the end of their expected service life. Both the 2012 General Sewer Plan (GSP) and 2021 GSP identified the need to begin the planning process and increase the WRF capacity. The WRF Phase 3 Improvements will upgrade aging components with new equipment sized to handle future sewer flows and loads projected through the year 2040. In addition, the Phase 3 improvements will increase efficiencies and delay the need to expand capacity of the secondary clarifiers.

During the preliminary design phase, the project scope and budget was refined. Noteworthy updates are listed below:

- Added construction phasing to keep the WRF operational during construction.
- Added improvements to accommodate the Casino expansion.
- Pre-purchasing of equipment will be pursued to mitigate supply chain impacts.
- Future energy savings through high efficiency aeration equipment.

The project scope and budget will continue to be refined through final design.

ANALYSIS

The intent of this project is to increase the capacity of the WRF, replace aging equipment, and enhance treatment performance to maintain compliance with the NPDES Permit. The planning phase and preliminary design work was completed, and the final design should continue to advance through 2022 to maintain permit compliance and fulfill obligations to current and future sewer customers. Staff will continue to work with RH2 to refine the project and identify potential risks and opportunities.

BUDGET IMPACTS

Administration recommends approving Amendment No. 1 with RH2 Engineering in the amount of \$664,887 to complete design of the Water Reclamation Facility Phase 3 improvements. The City incorporated the Water Reclamation Facility Phase 3 improvements in the amended Capital Improvement Plan (CIP) that Council adopted in May of 2021 (see Exhibit 2 - original project budget: \$12,577,470) as well as the 2023-2028 CIP that Council adopted on August 8, 2022 (see Exhibit 3 - updated project budget: \$15,262,217). \$106,039 has been incurred against the project budget to-date with \$426,178 in outstanding contractual value. The City budgeted a total of \$5,000,150 during the 2021-2022 biennium for the Water Reclamation Facility Phase 3 improvements. When accounting for this amendment, the City will have a remaining budget of \$3,803,046 for the biennium. Therefore, sufficient appropriation exists within the current 2021-2022 biennial budget (Utilities Capital Fund #417) to fund the contract.

NEXT STEPS

The WRF Phase 3 final design and permitting is expected to be completed in spring 2023. Following design and permitting, bids will be solicited for the pre-purchasing of equipment as well as construction of the WRF Phase 3 Improvements.

PROPOSED ACTION

Move to approve an amendment to the WRF Phase 3 design services agreement with RH2 Engineering.

CITY OF SNOQUALMIE
 AGREEMENT FOR CONSULTANT SERVICES
 Contract No. 22-020 - Amendment No. 1
 Water Reclamation Facility Phase 3 Improvements

This Amendment No. 1 to Agreement for Consulting Services is entered into this ____ day of August, 2022 by and between the City of Snoqualmie, a Washington municipal corporation (“City”) and RH2 Engineering, Inc., a Washington corporation (“Consultant”). City and Consultant are collectively referred to herein as “the Parties.”

WHEREAS, the City and Consultant previously entered into an Agreement for Consultant Services on March 1, 2022 (“Agreement”), which provided for Consultant to complete preliminary design of the WRF Phase 3 improvements; and

WHEREAS, the City has requested Consultant to provide additional services including services during bidding for Kimball Creek Lift Station, final design of major WRF improvements, permitting, and services during bidding for major WRF improvements; and

WHEREAS, Consultant has the resources and capability to perform this work and has provided a scope of work and an hour and fee estimate for such additional work;

NOW, THEREFORE, the parties herein do mutually agree as follows:

Section 1. Scope of Work Amended. Exhibit A (“Scope of Work”) to the March 1, 2022 Agreement is hereby amended to add the additional work tasks set forth in Exhibit A to this Amendment No. 1.

Section 2. Compensation Amended. Section 2 of the March 1, 2022 Agreement (“Compensation”) is hereby amended to increase the total compensation to be paid Consultant for the work from \$532,217 to \$1,197,104.

Section 3. Exhibit B (“Compensation”) Amended. Exhibit B to the March 1, 2022 Agreement is hereby amended to add the additional compensation and fee details set forth in Exhibit B to this Amendment No. 1.

CITY OF SNOQUALMIE,
WASHINGTON

By:_____

Its: Mayor

Date:_____

CONSULTANT – RH2.

By:_____

Typed/Printed Name:_____

Its:_____

Date:_____

ATTEST:

Interim City Clerk

Date:_____

APPROVED AS TO FORM:

Bob C. Sterbank, City Attorney

Date:_____

EXHIBIT A
Scope of Work
Amendment No. 1
City of Snoqualmie
Water Reclamation Facility Phase 3 Improvements
Design, Permitting, and Services During Bidding
July 2022

Background

The City of Snoqualmie (City) owns and operates the Water Reclamation Facility (WRF). To accommodate projected flows and loads, handle replacement of aging components installed over 20 years ago, and meet regulatory requirements, the City's 2021 *General Sewer Plan* (GSP) identified multiple projects for Phase 3 of the WRF Improvements. These projects will be sequenced to mitigate impacts to the existing facility and promote efficient construction. RH2 Engineering, Inc., (RH2) envisions this work as generally combined into the following two construction projects.

Kimball Creek Lift Station Improvements

The Kimball Creek Lift Station (LS) is the City's largest lift station and can handle up to 5,000 gallons per minute (gpm) peak hour flow. Currently, there are three equally sized pumps in the lift station. Each pump has a two-speed motor and can operate between 2,000 and 3,500 gpm. Two of the three pumps were installed with the lift station in 1998, while the third pump was added in 2012. All pumps are the Wemco Hidrostal I10K-M with pre-rotation basins. The lift station creates flow spikes at the WRF due to the cycling of these large pumps.

- Capital Improvement Program (CIP) WW1 – Kimball Creek Lift Station Improvements: This project is intended to facilitate a more equalized flow to the WRF and the downstream treatment processes through the addition of a smaller baseflow pump to the lift station.

Major WRF Improvements

The following items are referred to herein as the Major WRF Improvements projects. These projects can be effectively combined into one project since they are all located on the WRF site. Therefore, one general contractor can efficiently perform this work and permitting will be streamlined.

- CIP F8 – Activated Sludge Basins Improvements: The capacity of the existing secondary treatment process is nearly exceeded at current loading. Additionally, the existing oxidation ditch equipment needs replacement due to its age. This project will convert the existing oxidation ditches into plug flow activated sludge basins with the goal of producing an activated sludge that increases the biological treatment capacity within the existing tankage while providing nutrient removal. With substantially increased mixed liquor settleability, an additional secondary clarifier likely can be avoided in the near term.
- CIP F1 – Existing Secondary Clarifiers Improvements: The existing clarifier drive units are aging but an assessment during the preliminary design phase did not reveal excessive signs of wear

necessitating imminent replacement. Enhancements to Secondary Clarifier No. 1 were made in the Phase 2 project and these should be replicated to Secondary Clarifier No. 2. The assessment during preliminary design did find excessive corrosion on components of the mechanism, necessitating more improvements than previously budgeted. This project will be included as an additive alternate in the bid documents.

- CIP F5 – Grit Removal System Improvement Project: A significant portion of the existing grit system was replaced with the Phase 2 project, though the internals of the grit chamber have not been refurbished. These should be replaced due to age and any additional improvements to increase grit capture efficiency should be made.
- CIP DF6 – Aerobic Digester Aeration Improvements: Replace the existing membrane aeration equipment in the first two digesters with jet aeration equipment. This will include removal of the diffusers and top-entering mixers in these digesters. A jet aeration manifold and submersible recycle pump will be installed in each of these digesters, along with mechanical changes to support these additions. Electrical and control improvements also will be made to support these improvements.

The previous Scope of Work included the following tasks:

- Task 1 – Project Management**
- Task 2 – Preliminary Design of Major WRF Improvements**
- Task 3 – Preliminary and Final Design of Kimball Creek LS**
- Task 4 – Management Reserve**

This Scope of Work includes the addition of the following tasks:

- Task 5 – Services During Bidding (SDB) for Kimball Creek LS**
- Task 6 – Final Design of Major WRF Improvements**
- Task 7 – Washington State Department of Ecology (Ecology) Review and City Permitting for Major WRF Improvements**
- Task 8 – SDB for Major WRF Improvements**

Future tasks include the following:

- Task 9 – Services During Construction (SDC) and SCADA Programming for Kimball Creek LS**
- Task 10 – SDC, and SCADA Programming for Major WRF Improvements**
- Task 11 – Preliminary Design for Minor WRF Improvements (as identified in the GSP)**

This Scope of Work captures elements for the advancement of the Kimball Creek LS and Major WRF Improvements projects in Tasks 5-8, including final design for the added CIP DF6 improvements, as well as project management services in Task 1.

Task 1 – Project Management

Objective: Manage RH2’s project team and maintain frequent client communications, including progress meetings. Maintain project schedule and prepare monthly invoices and budget status summaries. This existing task is amended to cover the extended duration of the contract amendment.

Approach:

1.1 Perform Project Management:

- Provide direction, coordination, and oversight to the RH2 project team. Organize, manage, and coordinate technical disciplines as described herein, and implement quality assurance and quality control (QA/QC) reviews to execute this Scope of Work in close coordination with City staff.
- Document and retain information generated during the execution of the project.
- Prepare monthly invoices and budget status summaries.

1.2 City and Agency Coordination, Workshops, and Meetings:

- Prepare for and attend progress meetings with City staff as requested. Prepare meeting agenda and minutes. *A total of four (4) progress meetings are assumed in the Fee Estimate, in addition to the other milestone and review meetings identified elsewhere in this Scope of Work.*
- Prepare for, attend, and provide briefings for up to two (2) one (1) hour meetings with City Council and/or Public Works Committee.

RH2 Deliverables:

- Meeting agendas and minutes in electronic PDF.
- Monthly progress reports with schedule, budget, work performed, and billed to date updates in electronic PDF.

Task 5 – Services During Bidding for Kimball Creek LS

Objective: Assist with the bidding process for Kimball Creek LS.

Approach:

- #### 5.1 Submit Bid Documents Advertisement – Submit PDF of plans, specifications, and appendices to the Builder’s Exchange of Washington (BXWA) for posting on their online bid documents system. BXWA will be utilized to maintain the planholders list. A copy of the same documents will also be posted on the City’s website for viewing. Submit advertisement for bids to the Daily Journal of Commerce (DJC).

- 5.2 Respond to Questions from Bidders – Respond to bidders’ technical questions during the bidding process. Questions and responses will be shared with the City for review and comment prior to sending to bidders. RH2 will forward bidders’ procedural questions to the City for response.
- 5.3 Prepare and Issue Addenda – Prepare up to two (2) draft addenda and submit to the City for review. Revise the addenda based on City comments and prepare final version in electronic PDF and submit to BXWA for posting. A copy of addenda will be posted on the City’s website for viewing. Revise and update engineer’s opinion of probable construction cost (OPCC) to reflect cost changes based on addenda.
- 5.4 Attend Pre-bid Walkthrough – Attend a pre-bid walkthrough of the Kimball Creek LS with bidding contractors and the City.
- 5.5 Coordinate and Attend Bid Opening and Prepare Analysis – Coordinate and attend the bid opening and prepare a bid tabulation. Review the lowest three (3) bids with exception of insurance documents to be reviewed by the City. Check references for the lowest bidder and prepare a letter of recommendation of award to the City.

Assumptions:

- *The City will pay any fees associated with the online bidding system directly.*
- *The City will pay all project advertisement fees directly.*
- *The City will respond to bidders’ procedural questions.*
- *The City will review insurance documents in the bid package(s).*
- *The City will handle bid award and contract execution.*

Provided by City:

- Payments for online bidding system fee(s) and advertisement fee(s).
- Responses to bidders’ procedural questions.
- Review of draft addenda.
- Review of insurance documents in bid.
- Bid award and contract execution.

RH2 Deliverables:

- Responses to bidders’ technical questions in electronic PDF.
- One (1) hard copy, one (1) PDF, and one (1) Word file for up to four (4) draft and final addenda of the bid documents.
- One (1) hard copy and one (1) PDF of up to four (4) updated OPCC in electronic PDF.
- Review of non-insurance documents in bid and preparation of bid tabulation.

- One (1) hard copy, one (1) PDF, and one (1) Word file of the letter of recommendation of award.

Task 6 – Final Design of WRF Improvements

Objective: Prepare bid-ready construction contract documents for the WRF Improvements projects.

Approach:

- 6.1 Prepare Pre-Purchase Equipment Documents – Prepare draft pre-purchase bidding documents, specifications, and appendices for up to six (6) major pieces of equipment (i.e. basin aeration blowers, basin mixers, basin internal recycle pumps, digester jet aeration pump system, valve actuators, grit system, surface wasting gate with actuator) and electrical gear and submit to the City for review. Attend review meeting with the City to discuss comments, including preparation of meeting agenda and minutes. Prepare final pre-purchase process documents for the City's use. Provide technical assistance to the City during the pre-purchase bidding process. Prepare bid ranking evaluation in consultation with the City and prepare draft and final pre-purchase recommendation technical memorandum.
- 6.2 Prepare Design Documents – Prepare a set of design plan drawings, including plans, sections, elevations, and details as listed below. Design documents will also include specifications and OPCC.
 - a) General Plans – Prepare cover sheet, general information drawings, and phasing plan drawing(s). Prepare revised design criteria for WRF process changes.
 - b) Site/Civil Plans – Prepare site/civil plan drawings showing existing site and facility layouts; temporary erosion control and construction measures and layouts; site grading improvements; proposed facility layouts; and utility improvements.
 - c) Architectural Plans – Prepare architectural drawings for the blower facility. Detail building finishes and provide door and ventilation schedules.
 - d) Structural Plans – Prepare structural drawings for blower facility and activated sludge basins improvements. Include provisions for pipe and equipment support and seismic restraint and anchorage; seismic design for proposed structures; and structural calculations for proposed structure building permit approval. It is assumed that the blower facility will be constructed with a concrete slab and foundation, concrete masonry unit walls, and a wood-framed roof. Provide stamped structural calculations for the blower facility and activated sludge basins improvements for use with permitting submittal.
 - e) Mechanical Plans – Prepare mechanical drawings showing proposed pipe routing and equipment layouts. Size piping and size and select equipment and pumps. Prepare minor mechanical design. Prepare ventilation design for blower facility.
 - f) Electrical Plans – Prepare electrical, instrumentation, and control drawings for the proposed improvements including one-line diagram, electrical site plan, power

distribution and signal plans, lighting and receptacle plans, grounding plans, motor control center details, electrical equipment details, electrical installation details and schedules, process and instrumentation diagrams, control logic diagrams, and control panel drawings.

- g) Construction Schedule and Sequencing Plan – Develop a construction schedule and sequencing plan for construction of the improvements.
 - h) Prepare design specifications to include the City’s standard front-end specifications (non-technical specifications) and Divisions 1 through 18 of RH2’s standard technical specifications. Edit the standard non-technical and technical specifications to reflect the project improvements.
 - i) Prepare OPCC for design.
- 6.3 Submit 60-Percent Design Documents to City: Submit the 60-percent design plans, specifications, and OPCC to the City. Prepare meeting agenda and attend one (1) meeting with the City to discuss 60-percent review comments. Prepare meeting minutes.
- 6.4 Submit 90-Percent Design Documents to City: Submit the 90-percent design plans, specifications, and OPCC to the City. Prepare meeting agenda and attend one (1) meeting with the City to discuss 90-percent review comments. Prepare meeting minutes.
- 6.5 Perform Internal QA/QC: Perform internal QA/QC review of the 90-percent design plans and specifications.
- 6.6 Prepare Bid-Ready Design Documents: Incorporate internal QA/QC and City comments and Ecology and City Community Development Department permitting conditions into the plans and specifications. Prepare bid-ready plans and specifications and final OPCC.

Provided by City:

- Attendance at pre-purchase bid specifications review meeting.
- One (1) set of draft equipment pre-purchase documents with City red-lined markups.
- One (1) set of 60-percent plans and specifications with City red-lined markups.
- One (1) set of 90-percent plans and specifications with City red-lined markups.
- Draft construction schedule and sequencing plan review comments.

RH2 Deliverables:

- One (1) PDF and one (1) Word file of the draft and final equipment pre-purchase bid specifications.
- Draft and final equipment pre-purchase recommendation technical memorandum in electronic PDF.
- Attendance at equipment pre-purchase meeting, meeting agenda, and meeting minutes.

- Three (3) hard copies and one (1) PDF of half-size 60-percent design plans.
- Three (3) hard copies, one (1) PDF, and one (1) Word file of the 60-percent design specifications.
- Three (3) hard copies and one (1) PDF of the 60-percent design OPCC.
- Three (3) hard copies and one (1) PDF of half-size 90-percent design plans.
- Three (3) hard copies, one (1) PDF, and one (1) Word file of the 90-percent design specifications.
- Three (3) hard copies and one (1) PDF of the 90-percent design OPCC.
- Three (3) hard copies and one (1) PDF of draft construction schedule and sequencing plan.
- Three (3) hard copies and one (1) PDF of half-size bid-ready plans.
- Three (3) hard copies, one (1) PDF, and one (1) Word file of the bid-ready specifications.
- Three (3) hard copies and one (1) PDF of the final OPCC.
- Three (3) hard copies and one (1) PDF of final construction schedule and sequencing plan.

Task 7 – Ecology Review and City Permitting for Major WRF Improvements

Objective: Prepare permitting submittals to address Ecology construction document requirements for the Major WRF Improvements. Prepare permitting submittal to City Community Development Department.

Approach:

- 7.1 Coordinate Ecology Review – Attend one (1) meeting with the City and Ecology after the General Sewer Plan is approved and before the construction documents are submitted to discuss expectations for documenting the proposed improvements. Submit plans and specifications for the Major WRF Improvements to Ecology for review. Compose up to two (2) letters responding to review comments from Ecology. Attend up to two (2) meetings with the City to discuss Ecology’s review comments and RH2’s draft letter response.
- 7.2 Coordinate City Community Development Department Review – Submit plans and specifications and building structural calculations for the Major WRF Improvements to City Community Development Department for Engineering Plan Review and Building Permit.
- 7.3 Prepare SEPA Submittal – Prepare the State Environmental Policy Act (SEPA) checklist. Coordinate with City to process the SEPA and publish a determination of project effect.

Assumptions:

- *The City will pay all permit fees directly.*
- *RH2 will submit permit packages directly to the City Community Development Department.*

- Ecology review comments meetings with the City will last no longer than two (2) hours.
- Up to two (2) rounds of comments from Ecology is assumed, and the response by RH2 will be in letter format. If additional comments are received, a modification to this Scope of Work may be mutually negotiated between RH2 and the City for the additional response effort.
- No date is warranted or implied for agency response or approval.

RH2 Deliverables:

- Four (4) hard copies, one (1) PDF, and one (1) Word file (where applicable) copy of the Phase 3 Engineering Plan Review and Phase 3 Building Permit submittal packages including duplicates for the City.
- Four (4) hard copies of plans and specifications for submittal to Ecology including duplicates for the City.
- Two (2) hard copies, one (1) PDF, and one (1) Word file (for the City) of response letters to Ecology review comments including duplicates for the City.

Task 8 – Services During Bidding for Major WRF Improvements

Objective: Assist with the bidding process for the Phase 3 Major WRF Improvements.

Approach:

- 8.1 Submit Bid Documents Advertisement – Submit PDF of plans, specifications, and appendices to the BXWA for posting on their online bid documents system. BXWA will be utilized to maintain the planholders list. A copy of the same documents will also be posted on the City’s website for viewing. Submit advertisement for bids to the DJC.
- 8.2 Respond to Questions from Bidders – Respond to bidders’ technical questions during the bidding process. All questions and responses will be shared with the City for review and comment prior to sending to bidders. RH2 will forward bidders’ procedural questions to the City for response.
- 8.3 Prepare and Issue Addenda – Prepare up to four (4) draft addenda and submit to the City for review. Revise the addenda based on City comments and prepare final version in PDF format and submit to BXWA for posting. A copy of addenda will be posted on the City’s website for viewing. Revise and update the OPCC to reflect cost changes based on addenda.
- 8.4 Conduct Pre-bid Walkthrough – Attend and conduct a pre-bid walkthrough of the WRF with bidding contractors and the City.
- 8.5 Attend Bid Opening and Prepare Analysis – Attend the bid opening and prepare a bid tabulation. Review the lowest three (3) bids with exception of insurance documents to be reviewed by the City. Check references for the lowest bidder and prepare a letter of recommendation of award to the City.

Assumptions:

- *The City will pay any fees associated with the online bidding system directly.*
- *The City will pay all project advertisement fees directly.*
- *The City will respond to bidders' procedural questions.*
- *The City will review insurance documents in the bid package(s).*
- *The City will handle bid award and contract execution.*

Provided by City:

- Payments for online bidding system fee(s) and advertisement fee(s).
- Responses to bidders' procedural questions.
- Review of draft addenda.
- Review of insurance documents in bid.
- Bid award and contract execution.

RH2 Deliverables:

- Responses to bidders' technical questions.
- One (1) hard copy, one (1) PDF, and one (1) Word file for up to four (4) draft and final addenda of the bid documents.
- One (1) hard copy and one (1) PDF of up to four (4) updated OPCC in PDF format.
- Review of non-insurance documents in bid and preparation of bid tabulation.
- One (1) hard copy, one (1) PDF, and one (1) Word file of the letter of recommendation of award.

Project Schedule

RH2 anticipates that this project will begin in July 2022 with a target completion of April 2023 for bid documents for the WRF improvements. This assumes timely feedback and responses from the City on the design milestone deliverable packages. SDB for the Kimball Creek LS is anticipated to start by October 2022 with a target completion of December 2022. SDB for the WRF improvements is anticipated to start by April 2023 with a target completion of July 2023.

EXHIBIT B**Fee Estimate****Amendment No. 1****City of Snoqualmie****Water Reclamation Facility Phase 3 Improvements****Design, Permitting, and Services During Bidding****Jul-22**

Description		Total Hours	Total Labor	Total Expense	Total Cost
Task 1	Project Management	186	\$ 42,226	\$ 1,874	\$ 44,100
1.1	Perform Project Management	64	\$ 14,064	\$ 352	\$ 14,416
1.2	City and Agency Coordination, Workshops, and Meetings	122	\$ 28,162	\$ 1,522	\$ 29,684
Task 5	SDB For Kimball Creek LS	80	\$ 15,954	\$ 877	\$ 16,831
5.1	Submit Bid Documents Advertisement to BXWA	6	\$ 976	\$ 24	\$ 1,000
5.2	Respond to Questions from Bidders	16	\$ 3,342	\$ 88	\$ 3,430
5.3	Prepare and Issue Addenda	34	\$ 6,694	\$ 506	\$ 7,200
5.4	Conduct Pre-bid Walkthrough	12	\$ 2,582	\$ 153	\$ 2,735
5.5	Attend Bid Opening and Prepare Analysis	12	\$ 2,360	\$ 106	\$ 2,466
Task 6	Final Design of Major WRF Improvements	2580	\$ 475,788	\$ 52,057	\$ 527,845
6.1	Prepare Pre-Purchase Equipment Documents	184	\$ 35,064	\$ 1,009	\$ 36,073
6.2	Prepare Design Documents	-	\$ -	\$ -	\$ -
6.2.a	General Plans	49	\$ 8,931	\$ 1,332	\$ 10,263
6.2.b	Site-Civil Plans	169	\$ 30,371	\$ 4,288	\$ 34,659
6.2.c	Architectural Plans	53	\$ 9,811	\$ 1,354	\$ 11,165
6.2.d	Structural Plans	328	\$ 59,124	\$ 9,187	\$ 68,311
6.2.e	Mechanical Plans	304	\$ 57,604	\$ 6,949	\$ 64,553
6.2.f	Electrical Plans	329	\$ 59,203	\$ 7,109	\$ 66,312
6.2.g	Construction Schedule and Sequencing Plan	82	\$ 15,286	\$ 2,041	\$ 17,327
6.2.h	Specifications	160	\$ 30,852	\$ 816	\$ 31,668
6.2.i	Estimate of Probable Construction Costs	76	\$ 14,348	\$ 455	\$ 14,803
6.3	Submit 60-percent Design Documents to City	236	\$ 44,088	\$ 4,490	\$ 48,578
6.4	Submit 90-percent Design Documents to City	296	\$ 53,568	\$ 6,386	\$ 59,954
6.5	Perform Internal QA/QC	196	\$ 35,592	\$ 4,235	\$ 39,827
6.6	Prepare Bid-Ready Design Documents	118	\$ 21,946	\$ 2,405	\$ 24,351
Task 7	Ecology Review and City Permitting for Major WRF Improvements	192	\$ 38,914	\$ 3,883	\$ 42,797
7.1	Coordinate Ecology Review	92	\$ 18,744	\$ 1,690	\$ 20,434
7.2	Coordinate City Community Development Department Review	78	\$ 16,224	\$ 2,007	\$ 18,231
7.3	Prepare SEPA Submittal	22	\$ 3,946	\$ 186	\$ 4,132
Task 8	SDB for Major WRF Improvements	161	\$ 31,578	\$ 1,736	\$ 33,314
8.1	Submit Bid Documents Advertisement to BXWA	6	\$ 942	\$ 24	\$ 966
8.2	Respond to Questions from Bidders	43	\$ 8,720	\$ 223	\$ 8,943
8.3	Prepare and Issue Addenda	80	\$ 15,626	\$ 1,197	\$ 16,823
8.4	Conduct Pre-bid Walkthrough	18	\$ 3,620	\$ 179	\$ 3,799
8.5	Attend Bid Opening and Prepare Analysis	14	\$ 2,670	\$ 113	\$ 2,783
PROJECT TOTAL		3199	\$ 604,460	\$ 60,427	\$ 664,887

EXHIBIT B**Fee Estimate****Amendment No. 1****City of Snoqualmie****Water Reclamation Facility Phase 3 Improvements****Design, Permitting, and Services During Bidding****Jul-22**

Description		Total Hours	Total Labor	Total Expense	Total Cost
Task 1	Project Management	186	\$ 42,226	\$ 1,874	\$ 44,100
1.1	Perform Project Management	64	\$ 14,064	\$ 352	\$ 14,416
1.2	City and Agency Coordination, Workshops, and Meetings	122	\$ 28,162	\$ 1,522	\$ 29,684
Task 5	SDB For Kimball Creek LS	80	\$ 15,954	\$ 877	\$ 16,831
5.1	Submit Bid Documents Advertisement to BXWA	6	\$ 976	\$ 24	\$ 1,000
5.2	Respond to Questions from Bidders	16	\$ 3,342	\$ 88	\$ 3,430
5.3	Prepare and Issue Addenda	34	\$ 6,694	\$ 506	\$ 7,200
5.4	Conduct Pre-bid Walkthrough	12	\$ 2,582	\$ 153	\$ 2,735
5.5	Attend Bid Opening and Prepare Analysis	12	\$ 2,360	\$ 106	\$ 2,466
Task 6	Final Design of Major WRF Improvements	2580	\$ 475,788	\$ 52,057	\$ 527,845
6.1	Prepare Pre-Purchase Equipment Documents	184	\$ 35,064	\$ 1,009	\$ 36,073
6.2	Prepare Design Documents	-	\$ -	\$ -	\$ -
6.2.a	General Plans	49	\$ 8,931	\$ 1,332	\$ 10,263
6.2.b	Site-Civil Plans	169	\$ 30,371	\$ 4,288	\$ 34,659
6.2.c	Architectural Plans	53	\$ 9,811	\$ 1,354	\$ 11,165
6.2.d	Structural Plans	328	\$ 59,124	\$ 9,187	\$ 68,311
6.2.e	Mechanical Plans	304	\$ 57,604	\$ 6,949	\$ 64,553
6.2.f	Electrical Plans	329	\$ 59,203	\$ 7,109	\$ 66,312
6.2.g	Construction Schedule and Sequencing Plan	82	\$ 15,286	\$ 2,041	\$ 17,327
6.2.h	Specifications	160	\$ 30,852	\$ 816	\$ 31,668
6.2.i	Estimate of Probable Construction Costs	76	\$ 14,348	\$ 455	\$ 14,803
6.3	Submit 60-percent Design Documents to City	236	\$ 44,088	\$ 4,490	\$ 48,578
6.4	Submit 90-percent Design Documents to City	296	\$ 53,568	\$ 6,386	\$ 59,954
6.5	Perform Internal QA/QC	196	\$ 35,592	\$ 4,235	\$ 39,827
6.6	Prepare Bid-Ready Design Documents	118	\$ 21,946	\$ 2,405	\$ 24,351
Task 7	Ecology Review and City Permitting for Major WRF Improvements	192	\$ 38,914	\$ 3,883	\$ 42,797
7.1	Coordinate Ecology Review	92	\$ 18,744	\$ 1,690	\$ 20,434
7.2	Coordinate City Community Development Department Review	78	\$ 16,224	\$ 2,007	\$ 18,231
7.3	Prepare SEPA Submittal	22	\$ 3,946	\$ 186	\$ 4,132
Task 8	SDB for Major WRF Improvements	161	\$ 31,578	\$ 1,736	\$ 33,314
8.1	Submit Bid Documents Advertisement to BXWA	6	\$ 942	\$ 24	\$ 966
8.2	Respond to Questions from Bidders	43	\$ 8,720	\$ 223	\$ 8,943
8.3	Prepare and Issue Addenda	80	\$ 15,626	\$ 1,197	\$ 16,823
8.4	Conduct Pre-bid Walkthrough	18	\$ 3,620	\$ 179	\$ 3,799
8.5	Attend Bid Opening and Prepare Analysis	14	\$ 2,670	\$ 113	\$ 2,783
PROJECT TOTAL		3199	\$ 604,460	\$ 60,427	\$ 664,887



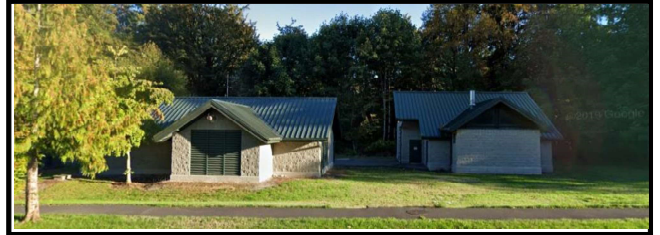
SEWER CAPITAL PROJECT OR PROGRAM

KIMBALL CREEK LIFT STATION IMPROVEMENT PROJECT

CIP Project ID:	TBD	Previously Spent:	\$0
Department:	Sewer	Current Project Budget:	\$2,118,180
Project Status:	Pre-Design	2017-2022 CIP Budget (if incl.):	\$0
Project Location:	Kimball Creek Lift Station	Years Project in CIP:	0
Project Contact:	Jeff Hamlin	Contact Email:	jhamlin@snoqualmiewa.gov

Project Description:

This project will upgrade the Kimball Creek Pump Station which includes replacing one existing pump with a smaller baseflow pump and downsize the existing pre-rotation basin for the new pump.

Photo or Map:**Community Impact:**

The intent of this program is to reduce excessive flow cycling and spikes from the Kimball Creek Pump Station to the Water Reclamation Facility which cause excessive wear of the pumping system, numerous inefficiencies at the plant.

Operating Impact:

This project is not expected to significantly impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2021	2022	2023	2024	2025	2026	2027 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Design	9%	\$ 186,898	\$ -	\$ 21,343	\$ 96,321	\$ -	\$ -	\$ -	\$ 69,235	
Construction	59%	\$ 1,245,988	\$ -	\$ 142,285	\$ 642,138	\$ -	\$ -	\$ -	\$ 461,565	
Const. Manage	9%	\$ 186,898	\$ -	\$ 21,343	\$ 96,321	\$ -	\$ -	\$ -	\$ 69,235	
Contingency	12%	\$ 249,198	\$ -	\$ 28,457	\$ 128,428	\$ -	\$ -	\$ -	\$ 92,313	
Labor	9%	\$ 186,898	\$ -	\$ 21,343	\$ 96,321	\$ -	\$ -	\$ -	\$ 69,235	
Other	3%	\$ 62,299	\$ -	\$ 7,114	\$ 32,107	\$ -	\$ -	\$ -	\$ 23,078	
TOTAL	100%	\$ 2,118,180	\$ -	\$ 241,885	\$ 1,091,635	\$ -	\$ -	\$ -	\$ 784,661	
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

This capital program is anticipated to continue indefinitely into the future.

TOTAL PROJECT BUDGET: \$2,118,180

Anticipated Funding Mix:

TOTAL OPERATING BUDGET: \$0

Source	Total Sources	Previously Allocated	2021	2022	2023	2024	2025	2026
City of Snoqualmie	\$ 2,118,180	\$ -	\$ 241,885	\$ 1,091,635	\$ -	\$ -	\$ -	\$ 784,661
TOTAL	\$ 2,118,180	\$ -	\$ 241,885	\$ 1,091,635	\$ -	\$ -	\$ -	\$ 784,661

Fiscal

This project covers WW1 and WW4 - WW17 in the preliminary General Sewer Plan.

TOTAL FUNDING SOURCES: \$2,118,180

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



SEWER CAPITAL PROJECT OR PROGRAM

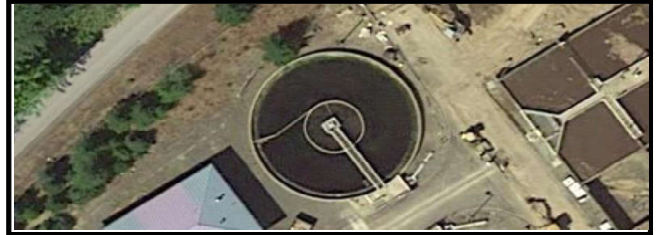
CLARIFIERS IMPROVEMENT PROJECT

CIP Project ID:	TBD	Previously Spent:	\$0
Department:	Sewer	Current Project Budget:	\$1,014,454
Project Status:	Pre-Design	2017-2022 CIP Budget (if incl.):	\$0
Project Location:	34190 SE Mill Pond Road - Water Reclamation Facility	Years Project in CIP:	0
Project Contact:	Jeff Hamlin	Contact Email:	jhamlin@snoqualmiewa.gov

Project Description:

This project will replace the drive unit and add effluent launder covers to Clarifier No. 1. Furthermore, this project will perform a stress test of Clarifier No. 1 to evaluate the completed feedwell and energy dissipating inlet improvements, and based on the test, outfit Clarifier No. 2 with properly calibrated feedwell and scum removal system improvements, replace the drive unit, and add effluent launder covers.

Photo or Map:



Community Impact:

The intent of this project is to replace drive units nearing the end of their expected service life, combat algae growth directly, and reduce the operational time spent cleaning the effluent launders due to algae growth.

Operating Impact:

This project is not anticipated to impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2021	2022	2023	2024	2025	2026	2027 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	9%	\$ 89,511	\$ -	\$ 14,884	\$ 74,627	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	59%	\$ 596,738	\$ -	\$ 99,225	\$ 497,512	\$ -	\$ -	\$ -	\$ -	\$ -
Const. Manage	9%	\$ 89,511	\$ -	\$ 14,884	\$ 74,627	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	12%	\$ 119,348	\$ -	\$ 19,845	\$ 99,502	\$ -	\$ -	\$ -	\$ -	\$ -
Labor	9%	\$ 89,511	\$ -	\$ 14,884	\$ 74,627	\$ -	\$ -	\$ -	\$ -	\$ -
Other	3%	\$ 29,837	\$ -	\$ 4,961	\$ 24,876	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 1,014,454	\$ -	\$ 168,683	\$ 845,771	\$ -	\$ -	\$ -	\$ -	\$ -
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$1,014,454

Anticipated Funding Mix:

TOTAL OPERATING BUDGET: \$0

Source	Total Sources	Previously Allocated	2021	2022	2023	2024	2025	2026
City of Snoqualmie	\$ 1,014,454	\$ -	\$ 168,683	\$ 845,771	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 1,014,454	\$ -	\$ 168,683	\$ 845,771	\$ -	\$ -	\$ -	\$ -

Fiscal

This project covers F1 in the preliminary General Sewer Plan.

TOTAL FUNDING SOURCES: \$1,014,454

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



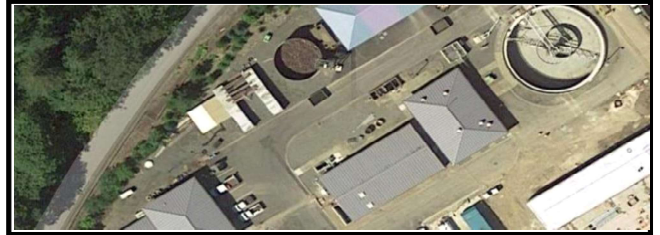
SEWER CAPITAL PROJECT OR PROGRAM

GRIT REMOVAL SYSTEM IMPROVEMENT PROJECT

CIP Project ID:	TBD	Previously Spent:	\$0
Department:	Sewer	Current Project Budget:	\$623,027
Project Status:	Pre-Design	2017-2022 CIP Budget (if incl.):	\$0
Project Location:	34190 SE Mill Pond Road - Water Reclamation Facility	Years Project in CIP:	0
Project Contact:	Jeff Hamlin	Contact Email:	jhamlin@snoqualmiewa.gov

Project Description:

This project will install a new grit mechanism and integrate it into the existing control system. Moreover, this project will upgrade the grit chamber to include influent and chamber baffles and other modifications.

Photo or Map:**Community Impact:**

The intent of this project is to replace a rapidly deteriorating grit removal system that is estimated to have 3 years of service remaining. Furthermore, the replacement of the grit removal system will improve system compatibility with co-functioning parts that were replaced as part of the WRF Phase 2 project.

Operating Impact:

This project is not expected to significantly impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2021	2022	2023	2024	2025	2026	2027 to 2030
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	17%	\$ 103,248	\$ -	\$ 27,159	\$ 27,100	\$ 24,132	\$ 24,856	\$ -	\$ -	\$ -
Construction	52%	\$ 326,590	\$ -	\$ -	\$ -	\$ 160,882	\$ 165,708	\$ -	\$ -	\$ -
Const. Manage	8%	\$ 48,989	\$ -	\$ -	\$ -	\$ 24,132	\$ 24,856	\$ -	\$ -	\$ -
Contingency	12%	\$ 76,170	\$ -	\$ 5,432	\$ 5,420	\$ 32,176	\$ 33,142	\$ -	\$ -	\$ -
Labor	8%	\$ 51,701	\$ -	\$ 1,358	\$ 1,355	\$ 24,132	\$ 24,856	\$ -	\$ -	\$ -
Other	3%	\$ 16,330	\$ -	\$ -	\$ -	\$ 8,044	\$ 8,285	\$ -	\$ -	\$ -
TOTAL	100%	\$ 623,027	\$ -	\$ 33,949	\$ 33,875	\$ 273,499	\$ 281,704	\$ -	\$ -	\$ -
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$623,027

Anticipated Funding Mix:

TOTAL OPERATING BUDGET: \$0

Source	Total Sources	Previously Allocated	2021	2022	2023	2024	2025	2026
City of Snoqualmie	\$ 623,027	\$ -	\$ 33,949	\$ 33,875	\$ 273,499	\$ 281,704	\$ -	\$ -
TOTAL	\$ 623,027	\$ -	\$ 33,949	\$ 33,875	\$ 273,499	\$ 281,704	\$ -	\$ -

Fiscal

This project covers F5 in the preliminary General Sewer Plan.

TOTAL FUNDING SOURCES: \$623,027

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



SEWER CAPITAL PROJECT OR PROGRAM

OXIDATION DITCHES IMPROVEMENT PROJECT

CIP Project ID:	TBD	Previously Spent:	\$0
Department:	Sewer	Current Project Budget:	\$8,821,809
Project Status:	Pre-Design	2017-2022 CIP Budget (if incl.):	\$0
Project Location:	34190 SE Mill Pond Road - Water Reclamation Facility	Years Project in CIP:	0
Project Contact:	Jeff Hamlin	Contact Email:	jhamlin@snoqualmiewa.gov

Project Description:

This project will convert two existing oxidation ditches into plug flow reactors (i.e., activated sludge basins). The conversion will address existing operational deficiencies, increase treatment capacity and provide stable and reliable nutrient removal processes. The activated sludge basin improvements generally include major modifications to the ditches, site work and site utilities, and construction of a separate building to house equipment associated with the new process.

Photo or Map:**Community Impact:**

The intent of this project is to increase the capacity of the biological treatment process for handling current and projected flow and loading conditions while maintaining redundancy. The capacity of the oxidation ditches are anticipated to be exceeded based on projected future Water Reclamation Facility (WRF) influent flow and loading conditions. Furthermore, this project is expected to reduce excessive filamentous bacteria growth which works to limit the capacity of the two clarifiers.

Operating Impact:

This project is not expected to significantly impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2021	2022	2023	2024	2025	2026	2027 to 2030
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	9%	\$ 778,395	\$ -	\$ 112,331	\$ 115,700	\$ 271,115	\$ 279,249	\$ -	\$ -	\$ -
Construction	59%	\$ 5,189,299	\$ -	\$ 748,871	\$ 771,336	\$ 1,807,435	\$ 1,861,658	\$ -	\$ -	\$ -
Const. Manage	9%	\$ 778,395	\$ -	\$ 112,331	\$ 115,700	\$ 271,115	\$ 279,249	\$ -	\$ -	\$ -
Contingency	12%	\$ 1,037,860	\$ -	\$ 149,774	\$ 154,267	\$ 361,487	\$ 372,332	\$ -	\$ -	\$ -
Labor	9%	\$ 778,395	\$ -	\$ 112,331	\$ 115,700	\$ 271,115	\$ 279,249	\$ -	\$ -	\$ -
Other	3%	\$ 259,465	\$ -	\$ 37,444	\$ 38,567	\$ 90,372	\$ 93,083	\$ -	\$ -	\$ -
TOTAL	100%	\$ 8,821,809	\$ -	\$ 1,273,080	\$ 1,311,272	\$ 3,072,639	\$ 3,164,818	\$ -	\$ -	\$ -
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$8,821,809

Anticipated Funding Mix:

TOTAL OPERATING BUDGET: \$0

Source	Total Sources	Previously Allocated	2021	2022	2023	2024	2025	2026
City of Snoqualmie	\$ 5,293,085	\$ -	\$ 763,848	\$ 786,763	\$ 1,843,583	\$ 1,898,891	\$ -	\$ -
Contribution in Aid of Construction (CIAC)	\$ 3,528,724	\$ -	\$ 509,232	\$ 524,509	\$ 1,229,056	\$ 1,265,927	\$ -	\$ -
TOTAL	\$ 8,821,809	\$ -	\$ 1,273,080	\$ 1,311,272	\$ 3,072,639	\$ 3,164,818	\$ -	\$ -

Fiscal

This project covers F8 in the preliminary General Sewer Plan.

TOTAL FUNDING SOURCES: \$8,821,809

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



SEWER CAPITAL PROJECT OR PROGRAM

WATER RECLAMATION FACILITY IMPROVEMENTS - PHASE 3

CIP Project ID: TBD
 Department: Sewer
 Project Status: Design
 Project Location: 34190 SE Mill Pond Road
 Project Contact: Jeff Hamlin

Previously Spent: \$532,217
 Current Project Budget: \$15,262,217
 Original Budget at CIP Inception: \$12,577,470
 Contact Email: jhamlin@snoqualmiewa.gov

Years Project in CIP: 1

Project Description:

This project will convert two existing oxidation ditches into plug flow reactors (i.e., activated sludge basins), upgrade the Kimball Creek Lift Station, replace and outfit one of the clarifiers with necessary components upgrades, and install a new grit removal system.

Photo or Map:



Community Impact:

The intent of this project is to increase the capacity of the biological treatment process for handling current and projected flow and loading conditions, reduce excessive flow cycling and spikes, replace drive units nearing the end of their expected service life, and replace a rapidly deteriorating grit removal system.

Operating Impact:

This project is not expected to impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2023	2024	2025	2026	2027	2028	2029 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	5%	\$ 767,217	\$ 532,217	\$ 235,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	65%	\$ 9,926,461	\$ -	\$ 1,749,342	\$ 7,245,647	\$ 931,472	\$ -	\$ -	\$ -	\$ -
Const. Manage	10%	\$ 1,488,969	\$ -	\$ 262,401	\$ 1,086,847	\$ 139,721	\$ -	\$ -	\$ -	\$ -
Contingency	13%	\$ 1,985,292	\$ -	\$ 349,868	\$ 1,449,129	\$ 186,294	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor	4%	\$ 597,954	\$ -	\$ 120,921	\$ 408,094	\$ 68,939	\$ -	\$ -	\$ -	\$ -
Other	3%	\$ 496,323	\$ -	\$ 87,467	\$ 362,282	\$ 46,574	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 15,262,217	\$ 532,217	\$ 2,805,000	\$ 10,552,000	\$ 1,373,000	\$ -	\$ -	\$ -	\$ -
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$15,262,217

TOTAL OPERATING BUDGET: \$0

Anticipated Funding Mix:

Source	Total Sources	Previously Allocated	2023	2024	2025	2026	2027	2028
Utility Fees ("Rates")	\$ 1,634,813	\$ 532,217	\$ -	\$ 1,102,596	\$ -	\$ -	\$ -	\$ -
Gen. Fac. Charges (GFC)	\$ 9,807,800	\$ -	\$ 2,018,032	\$ 6,801,976	\$ 987,792	\$ -	\$ -	\$ -
Contribution in Aid of Construction (CIAC)	\$ 3,819,604	\$ -	\$ 786,968	\$ 2,647,428	\$ 385,208	\$ -	\$ -	\$ -
TOTAL	\$ 15,262,217	\$ 532,217	\$ 2,805,000	\$ 10,552,000	\$ 1,373,000	\$ -	\$ -	\$ -

Fiscal

This project covers F1, F5, F8, and WW1 in the General Sewer Plan.

TOTAL FUNDING SOURCES: \$15,262,217

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB22-113
August 22, 2022
Committee Report

Item 3.

AGENDA BILL INFORMATION

TITLE:	AB22-113: Adopting the General Sewer Plan (Resolution No. 1621)	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Approve Resolution No. 1621 Adopting the General Sewer Plan and Authorize Final Submittal to Agencies	<input checked="" type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Resolution

REVIEW:	Department Director/Peer	Mike Chambless	8/8/2022
	Finance	Drew Bouta	8/3/2022
	Legal	Bob Sterbank	8/8/2022
	City Administrator	Mike Sauerwein	8/9/2022

DEPARTMENT:	Parks & Public Works		
STAFF:	Andrew Vining		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: August 16, 2022	
MEMBERS:	Bryan Holloway	Ethan Benson	Jo Johnson
EXHIBITS:	1. Resolution No. 1621 2. General Sewer Plan (link only)		

SUMMARY

INTRODUCTION

This agenda bill seeks council approval to adopt the [General Sewer Plan](#) (GSP) dated July 2, 2022 and authorize final submittal to agencies. GSPs are required by governmental entities prior to providing sewer service and must be prepared in accordance with Washington Administrative Code (WAC) [173-240-050](#). The primary purpose of the GSP is to identify and schedule sewer system improvements that correct existing deficiencies and ensure a safe and reliable sewer system for current and future customers.

LEGISLATIVE HISTORY

On July 26, 2021 a Council [roundtable discussion](#) was conducted by RH2 Engineering to provide councilmembers an overview of the draft GSP and the opportunity to ask questions about the plan. Subsequently, at its September 27, 2021 meeting, Council approved the GSP for submittal to State and Local agencies (see [Resolution No. 1593](#)).

BACKGROUND

Following council concurrence on September 27, 2021, the draft GSP was submitted to agencies and was reviewed for compliance with applicable code and policy requirements. **Appendix L** of the GSP documents all agency review comments along with the City's responses and updates to the plan.

ANALYSIS

This GSP is a comprehensive planning document prepared in accordance with Washington Administrative Code (WAC) [173-240-050](#) (General Sewer Plan). The primary purpose of the GSP is to identify and schedule sewer system improvements that correct existing deficiencies and ensure a safe and reliable sewer system for current and future customers. For the upcoming Water Reclamation Facility (WRF) Phase 3 Improvements, including the activated sludge basin improvements, this GSP also has been prepared in accordance with WAC [173-240-060](#) (Engineering Report). Final approval of the GSP is an important task necessary to advance sewer related capital improvements and fulfill obligations to current and future sewer customers.

BUDGET IMPACTS

This agenda bill does not include approval of any expenditures.

NEXT STEPS

Following council approval, this final GSP will be sent back to agencies as the City's adopted plan on file.

PROPOSED ACTION

Move to approve Resolution No. 1621 adopting the General Sewer Plan and authorize final submittal to agencies.

RESOLUTION NO. 1621

A RESOLUTION OF THE CITY OF SNOQUALMIE, WASHINGTON, ADOPTING THE FINAL GENERAL SEWER PLAN AND AUTHORIZING ITS SUBMITTAL TO THE DEPARTMENT OF ECOLOGY AND KING COUNTY

WHEREAS, in April 2018, the City of Snoqualmie authorized RH2 Engineering, Inc, to prepare an update of the City’s General Sewer Plan pursuant to RCW 90.48.110 and WAC 173-240-050, and in conformance with current regulations and guidelines; and

WHEREAS, on July 26, 2021, City Council participated in a roundtable discussion with RH2 Engineering about the draft General Sewer Plan; and

WHEREAS, on September 27, 2021, the City Council adopted Resolution No. 1593, which approved the draft General Sewer Plan for submittal to the Washington State Department of Ecology (“Ecology”); and

WHEREAS, the draft Sewer Plan was submitted to Ecology and the King County Utilities Technical Review Committee (“UTRC”), which reviewed the draft General Sewer Plan and provided comments thereon; and

WHEREAS, the draft Sewer Plan was revised to include information and updates requested by Ecology and the King County UTRC, and a matrix detailing agency comments and City responses thereto is included in Appendix L of the final General Sewer Plan; and

WHEREAS, the final General Sewer Plan is ready to be submitted to Ecology and King County for approval prior to implementation;

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SNOQUALMIE AS FOLLOWS:

Section 1. The July, 2022 City of Snoqualmie Final General Sewer Plan, as prepared by RH2 Engineering, Inc., is hereby approved and adopted as the general sewer plan required by RCW 90.48.110 and WAC 173-240-050, and authorized for submittal to the Washington State Department of Ecology and King County for approval.

PASSED by the City Council of the City of Snoqualmie, Washington, this 22nd day of August, 2022.

Katherine Ross, Mayor

Attest:

Acting City Clerk



City of Snoqualmie
2022 Sidewalk Repair:
August Update

Status:

- Contract is 57% complete as of July 31st.
- On track to complete contract by end of September.
- All sidewalks in school zones to be done by start of school year.
- Concrete every Thursday – Open sidewalks generally only for 1 week maximum





Item 5.

