



CITY COUNCIL REGULAR HYBRID MEETING

Monday, July 10, 2023, 7:00 PM

Snoqualmie City Hall, 38624 SE River Street & Zoom

MAYOR & COUNCIL MEMBERS

Mayor Katherine Ross

Councilmembers: Ethan Benson, Cara Christensen, Bryan Holloway, Jo Johnson, James Mayhew, Louis Washington, and Robert Wotton

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

Join by Telephone: To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **813 0614 8787** and Password **1800110121** 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.

Join by Internet: To watch the meeting over the internet via your computer, follow these steps:

- 1) Click this [link](#)
- 2) If the Zoom app is not installed on your computer, you will be prompted to download it.
- 3) If prompted for Webinar ID, enter **813 0614 8787**; Enter Password **1800110121**
- 4) Please confirm that your audio works prior to participating.

CALL TO ORDER & ROLL CALL

PLEDGE OF ALLEGIANCE

AGENDA APPROVAL

PUBLIC HEARINGS, PRESENTATIONS, PROCLAMATIONS, AND APPOINTMENTS

Public Hearings

Appointments

1. AB23-093: Interim Police Chief Appointment

PROPOSED ACTION:

Move to appoint Brian Lynch as the City of Snoqualmie Interim Police Chief effective July 3, 2023.

2. Swearing In Ceremony – Police Officer Joseph Spears
3. Fire Lieutenant Badge Pinning

Presentations

Proclamations

PUBLIC COMMENTS AND REQUESTS FOR ITEMS NOT ON THE AGENDA

CONSENT AGENDA

4. Approve the City Council Meeting Minutes dated June 26, 2023.
5. Approve the Claims Approval Report dated July 10, 2023.

ORDINANCES

COMMITTEE REPORTS

Public Safety Committee:

Community Development Committee:

Parks & Public Works Committee:

6. AB23-091: ICON Materials Amendment #1 - 2023 Overlay Project

Proposed Action: Move to approve Amendment No. 1 to the Public Works Contract with ICON Materials, Inc. for the 2023 Overlay Project.

7. AB23-092: Resolution No. 1651 to Adopt the Water System Plan and Water Use Efficiency Goals

Proposed Action: Move to approve Resolution No. 1651 adopting the Water System Plan and authorize final submittal to agencies.

Finance & Administration Committee:

Committee of the Whole:

REPORTS

8. Mayor's Report

9. Commission/Committee Liaison Reports

10. Department Reports

EXECUTIVE SESSION

11. Potential executive session pursuant to RCW 42.30.110(1)(a)(i) To discuss with legal counsel representing the agency matters relating to agency enforcement actions, or to discuss with legal counsel representing the agency litigation or potential litigation to which the agency, the governing body, or a member acting in an official capacity is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the agency.

ADJOURNMENT



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-093
July 10, 2023
Appointment

Item 1.

AGENDA BILL INFORMATION

TITLE:	AB23-093: Interim Police Chief Appointment	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Confirm Brian Lynch as the City of Snoqualmie Interim Police Chief	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director	Choose an item.	
	Finance	n/a	Click or tap to enter a date.
	Legal	n/a	Click or tap to enter a date.
	City Administrator	Mike Chambless	Click or tap to enter a date.

DEPARTMENT:	Police		
STAFF:			
COMMITTEE:	n/a	COMMITTEE DATE: Click or tap to enter a date.	
MEMBERS:	n/a	n/a	n/a
EXHIBITS:			

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUESTED	\$ n/a

SUMMARY

Police Chief Perry Phipps resigned as Police Chief of the City of Snoqualmie effective July 3, 2023. The Mayor has chosen Captain Brian Lynch to serve as the Interim Police Chief until a plan to provide for a permanent replacement is made.

BACKGROUND

Captain Lynch has been with the Snoqualmie Police Department for one (1) year. He has advanced through the positions of police dispatcher, police officer, detective, sergeant, and captain during his twenty-seven (27) year law enforcement career. In addition, Captain Lynch holds the position of Commander of the Coalition of Small Cities Major Crimes Task Force where he supervises approximately 20 detectives on loan from 13 cities in King County. He is also a recent graduate of West Point Leadership for Law Enforcement.

The Mayor and staff request confirmation of this position as the City's Interim Police Chief.

PROPOSED ACTION

Move to appoint Brian Lynch as the City of Snoqualmie Interim Police Chief effective July 3, 2023.



CITY COUNCIL REGULAR MEETING MINUTES

June 26, 2023

CALL TO ORDER: Mayor Ross called the meeting to order 7:00 pm

City Council:

Mayor Katherine Ross, Councilmembers Ethan Benson, Bryan Holloway, James Mayhew, Louis Washington, Cara Christensen, and Jolyon Johnson were present.

It was moved by CM Benson; seconded by CM Johnson to:

Excuse Councilmember Wotton's presence at tonight's meeting.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

City Staff:

Mike Chambless, Interim City Administrator; David Linehan, Interim City Attorney; Deana Dean, City Clerk; Jeff Hamlin, Interim Parks and Public Works Director (remote); Brian Lynch, Police Captain; Drew Bouta, Budget Manager; Dylan Gamble, CIP Project Manager; Andrew Vining, Project Engineer; Michael Liebetrau, Police Records and Evidence Technician; Janna Walker, Budget Analyst; Danna McCall, Communications Coordinator; Mike Bailey, Deputy Fire Chief; Bill Wisham, Firefighter/EMT; Catherine Cotton, Volunteer Firefighter/EMT; and Andy Latham, IT Support. Others were present but not identified.

PLEDGE OF ALLEGIANCE

AGENDA APPROVAL

It was moved by CM Johnson; seconded by CM Holloway to:

Approve the agenda.

It was moved by CM Holloway; seconded by CM Washington to:

Add fire lieutenant to end of appointments, remove Sound Cities Association, and add Executive Session to the end of the agenda.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

PUBLIC HEARINGS, PRESENTATIONS, PROCLAMATIONS, AND APPOINTMENTS

Appointments

1. **AB23-090:** Appointment to Economic Development Commission

It was moved by CM Benson; seconded by CM Christensen to:

Confirm the Mayor's recommendation to appoint Nichole Pas to the Economic Development Commission.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

2. **AB23-086:** Interim Fire Chief Appointment

It was moved by CM Holloway; seconded by CM Washington to:

Appoint Michael Bailey as the City of Snoqualmie Interim Fire Chief effective July 1, 2023.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

The Mayor spoke to Chief Correia's accomplishments and wished him the best in his new position and congratulated and thanked Interim Chief Bailey on his new role.

3. Fire Lieutenant Badge Pinning. Interim Chief Bailey spoke to the promotions of Ben Parker and Bill Wisham to Fire Lieutenant. The Mayor presented Bill with his new helmet and Bill Wisham's wife, Chelsea, pinned his badge. Photos and congratulations occurred immediately after.

Presentations

4. Sound Cities Association and Regional Involvement Presentation. This item was removed due to scheduling conflicts.

Public Hearings

5. **AB23-076:** Public Hearing on Six Year Transportation Improvement Program.

Public Hearing opened at 7:13 pm by Mayor Ross.

Public Comment Speakers: No one appearing in person or via remote.

Public Hearing closed at 7:15 pm.

Proclamations

PUBLIC COMMENTS AND REQUESTS FOR ITEMS NOT ON THE AGENDA

CONSENT AGENDA

6. Approve the City Council Meeting Minutes dated June 12, 2023.
7. Approve the Claims Approval Report dated June 26, 2023.
8. **AB23-077:** Riverwalk Property Acquisition
9. **AB23-083:** Awarding RRJ Company a Contract for 2023 Urban Forestry Improvement
10. **AB23-084:** Fire Department Strategic Plan Extension Resolution
11. **AB23-085:** Madrona Law Group First Amended Agreement

It was moved by CM Christensen; seconded by CM Holloway to:

Approve the consent agenda.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

ORDINANCES

COMMITTEE REPORTS

Public Safety Committee: CM Christensen thanked Captain Lynch for going above and beyond on resident feedback which was helpful in evaluating the parking permit program.

Community Development Committee: No report.

Parks & Public Works Committee:

12. **AB23-076:** Six Year Transportation Improvement Program (STIP) for the period 2024-2029. CM Benson read the summary and motion into the record. CM Holloway spoke to the STIP. Brief discussion followed with Dylan Gamble, CIP Project Manager, and Mike Chambless, Interim City Administrator, answering council questions.

It was moved by CM Benson; seconded by CM Holloway to:

Adopt Resolution No. 1656 Adopting a Six-Year Transportation Improvement Program for the period 2024 through 2029 and authorize the Mayor to sign.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson) as amended.

It was moved by CM Johnson; seconded by CM Washington to:

Add Fisher intersection as lowest priority.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

It was moved by CM Johnson; seconded by CM Christensen to:

Add improvements after the word intersection.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

It was moved by CM Holloway; seconded by CM Mayhew to:

Add contingent on development requirements.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

13. **AB23-078:** Awarding Prospect Construction Inc. a Contract for the WRF Phase 3 Improvements. Summary and motion read into the record by CM Benson. CM Holloway spoke to this item. Andrew Vining, Project Engineer, was present to answer Council questions.

It was moved by CM Benson; seconded by CM Holloway to:

Adopt Resolution No. 1655 awarding the Water Reclamation Facility Phase 3 Improvements to Prospect Construction, Inc. and authorize the Mayor to sign.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

It was moved by CM Holloway; seconded by CM Mayhew to:

Remove option B-1, security.

FAILED: 5-1 (Benson, Mayhew, Washington, Christensen, Johnson)

It was moved by CM Mayhew; seconded by CM Christensen to:

Go into executive session for 15 minutes to discuss this item.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

At 7:39 pm, Council entered into Executive Session pursuant to RCW 42.30.110(1)(a)(ii) To consider, if in compliance with any required data security breach disclosure under RCW 19.255.010 and 42.56.590, and with legal counsel available, information regarding the infrastructure and security of computer and telecommunications networks, security and service recovery plans, security risk assessments and security test results to the extent that they identify specific system vulnerabilities, and other information that if made public may increase the risk to the confidentiality, integrity, or availability of agency security or to information technology infrastructure or assets.

At 7:55 pm, Council resumed open session.

Discussion followed with Council questions answered by Drew Bouta, Budget Manager, speaking to budget impacts and Andrew Vining, Project Engineer, speaking to future projects.

14. **AB23-088:** Awarding Contract for Installation and Site Preparation for Centennial Fields Inclusive Park. Summary and motion read into the record by CM Benson. CM Holloway spoke to this item.

It was moved by CM Benson; seconded by CM Johnson to:

Adopt Resolution No. 1657 awarding the site preparation and installation of Centennial Fields – Inclusive Park to NewX Construction and authorize the Mayor to sign.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

15. **AB23-089:** Awarding Contract for Planning Services for Parks, Recreation, Open Space and Trails Plan (PROST). Summary and motion read into the record by CM Benson. CM Holloway spoke to this item. Council questions answered by Drew Bouta, Budget Manager, Dylan Gamble, CIP Project Manager, and Mike Chambless, Interim City Administrator.

It was moved by CM Benson; seconded by CM Holloway to:

Adopt Resolution No. 1658 awarding the contract to update and produce the 2024 Snoqualmie Parks, Recreation, Open Space, and Trails Plan (PROST) to Kimley-Horn and authorize the Mayor to sign.

PASSED: 6-0 (Benson, Holloway, Mayhew, Washington, Christensen, Johnson)

Finance & Administration Committee: No report.

Committee of the Whole: No report.

REPORTS

12. Mayor's Report:

- Washington State Transportation Commission opened the public comment period which will run through the end of this month for the jurisdictional transfer of the Snoqualmie Parkway.
- Last week, Snoqualmie hosted a meeting with multiple jurisdictions responsible for service or response to Echo Glen. Topics of discussion included funding for fencing and other security measures, labor contract, and the hiring of new a Superintendent. There will be future meetings with the Superintendent, our police department, and the King County Sheriff's Office. The meeting raised visibility with each organization and reinforced open community and safety protocols.
- Next week will be the July 4th parade and many other events coming up in July and August.

13. Commission/Committee Liaison Reports:

- CM Christensen provided an update on the King Conservation District, SCA Summer Social on July 26th, and YMCA is looking forward to more information on the Community Center Expansion.

14. Councilmember Regional Liaison Updates: None.

EXECUTIVE SESSION

Executive Session pursuant to RCW 42.30.110(1)(g) To evaluate the qualifications of an applicant for public employment or to review the performance of a public employee.

At 8:45 pm, Mayor Ross indicated Council would take a 5-minute break and then enter into Executive Session for approximately 30 minutes. No action would occur following the executive session which was expected to end at 9:15 pm.

Council resumed open session at 9:18 pm.

ADJOURNMENT

Meeting was adjourned at 9:18 pm.

CITY OF SNOQUALMIE

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk



Finance & Human Resources Department

Item 5.

Jennifer Ferguson, Director
38624 SE River St. | PO Box 987
Snoqualmie, Washington 98065
(425) 888-1555 | jferguson@snoqualmiewa.gov

To: City Council
Finance & Administration Committee

From: Jerry Knutsen, Financial Services Manager

Date: July 10, 2023

Subject: CLAIMS REPORT
Approval of payments for the period: June 13, 2023 through June 20, 2023

BACKGROUND

Per RCW 42.24.080, all claims presented against the city by persons furnishing materials, rendering services, or performing labor must be certified by the appropriate official to ensure that the materials have been furnished, the services rendered, or the labor performed as described, and that the claims are just, due, and unpaid obligations against the city, before payment can be made. Expedited processing of the payment of claims when certain conditions have been met allows for the payment of claims before the legislative body has acted to approve the claims when: (1) the appropriate officers have furnished official bonds; (2) the legislative body has adopted policies that implement effective internal control; (3) the legislative body has provided for review of the documentation supporting the claims within a month of issuance; and (4) that if claims are disapproved, they shall be recognized as receivables and diligently pursued. The City of Snoqualmie meets all requirements of this state law.

Pursuant to Snoqualmie Municipal Code (SMC) Chapter 3.85, all Claims, Demands and Vouchers against the city, provides that the Finance Director or her designee will examine all claims prior to payment and provide periodic reporting of the payments to the City Council for final approval. Per SMC 3.85.040, to meet these requirements, the Finance Director schedules payment of claims and payroll for monthly Finance & Administration Committee review followed by full City Council approval on the consent agenda. Per SMC 3.85.050, documentation supporting claims paid and the Finance Director's written report are made available to all city council members at City Hall for 48 hours prior to the Finance & Administration Committee meeting. Following the 48-hour review period, the Finance & Administration Committee considers the claims as part of its regular agenda and recommends to the full city council whether to approve or disapprove the claims. Consistent with these requirements, this report seeks City Council approval of payment of claims and payroll batches summarized in the table below.

ANALYSIS

All payments made during these periods were found to be valid claims against the city. Details are available in documentation provided for City Council review prior to the Finance & Administration Committee meeting. The City's internal controls include certification of the validity of all expenditures by the appropriate department and an internal audit conducted by designated finance department staff who review all claims and payroll payments. Staff performs system validation and exception reviews to validate payroll records. The Finance Director performs a random sampling review of supporting documentation for claims payments to ensure validity, as well as regularly reviews its processes to ensure appropriate internal controls are in place.

The City issues disbursements for claims and payroll via the following methods:

- Warrant: paper negotiable instruments, very much like, although legally distinct from, checks
- Commercial Credit Card: as authorized by Financial Management Policy
- Electronic Funds Transfer (EFT). EFTs are electronic banking transactions (no paper instrument) of two basic

types: (1) Automated Clearing House (ACH) for Electronic Fund Transfer (EFT) and (2) Wire Transfers a direct transfer between bank accounts

Item 5.

The following table summarizes the claims and payments authorized by the Finance Director:

The foregoing amounts were budgeted in the 2023-2024 biennial budget, and sufficient funds to cover these payments, as appropriate.

CITY OF SNOQUALMIE
Disbursements for Council Approval
Claims, Payroll and Miscellaneous

CLAIMS							
		Warrants			ACH		CLAIMS TOTAL
Batch ID	Date	From #	Thru #	Amount	Qty	Amount	
30	6/20/2023	61578	61613	\$ 281,894.70	36		\$ 281,894.70
							-
							-
							-
							-
							-
<i>Grand Total</i>							281,894.70

MISCELLANEOUS DISBURSEMENTS				
Date	Description	ACH Amount	Wire Amount	MISC TOTAL
6/13/2023	Navia - 2023 FSA Plan Reimbursements	\$ 116.28		\$ 116.28
6/13/2023	Navia - 2023 HRA Plan Reimbursements	\$ 3,459.64		3,459.64
6/16/2023	KeyBanc Capital Markets Investment Purchase	\$ 994,516.67		994,516.67
6/20/2023	Navia - 2023 HRA Plan Reimbursements	\$ 450.00		450.00
6/20/2023	Navia - 2023 HRA Plan Reimbursements	\$ 3,905.85		3,905.85
				-
				-
<i>Grand Total</i>				1,002,448.44

PAYROLL (including Payroll Benefits)							
		Warrants			ACH		PAYROLL TOTAL
Batch ID	Date	From #	Thru #	Amount	Qty	Amount	
							\$ -
							-
							-
							-
							-
<i>Grand Total</i>							-

Total **1,284,343.14**

The following claims and payments were objected to by Finance Director: **NONE**

(Itemize claims/demands amounts and circumstances, and summarize reasons for objection)

I, the undersigned, do hereby certify under penalty of perjury that the claims and payroll warrant and/or checks itemized above were issued to pay just, due, and unpaid obligations of the City of Snoqualmie for materials furnished, services rendered, or labor performed, and that I am authorized to authenticate and certify the foregoing.

Jerry Knutsen

Jerry Knutsen, Financial Services Manager/Auditing Officer

Jun 27, 2023

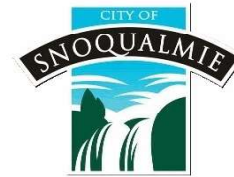
Date

FINANCE & ADMINISTRATION COMMITTEE RECOMMENDATION

Accounts Payable

Blanket Voucher Approval Document

User: ITreptow
 Printed: 06/20/2023 - 4:11PM
 Warrant Request Date: 6/20/2023
 DAC Fund:



#30

Batch: 00005.06.2023 - 6-20-23 Check Run

City of Snoqualmie

Claims presented to the City to be paid in the amount of \$ 281,894.70
 for claims warrants numbered 61578 through 61613 & dated 6/20/2023.

Line	Claimant	Voucher No.	Amount
1	BETTS JR,JIMMIE	000061579	39.37
2	CDW GOVT INC	000061581	160,809.88
3	CENTURYLINK	000061582	656.49
4	CHINOOK LUMBER INC	000061583	2,553.03
5	Comcast	000061586	1,263.54
6	CITY OF REDMOND	000061584	1,694.00
7	CITY OF SNOQUALMIE UB	000061585	51,985.63
8	Helping Hands Ministry	000061591	3,965.66
9	Holmes Weddle & Barcott, PC	000061592	3,305.00
10	KING COUNTY TREASURY	000061598	51.23
11	Madrona Law Group	000061600	5,775.50
12	Panorama Apartments, LLC	000061602	25,000.00
13	Puget Sound Energy	000061603	9,516.58
14	Rebecca Dean PLLC	000061604	3,228.50
15	Robert Half	000061605	4,770.00
16	Sunbelt Rentals, Inc.	000061606	350.87
17	The Workwear Place	000061608	728.87
18	Gangadharan,Rajith	000061589	350.00
19	Westra,Daniel	000061613	206.14
20	Jones,Lawrence	000061595	22.17
21	Lund,Ron & Amanda	000061599	383.34
22	Hunter,Maxwell and Lisa	000061593	487.45
23	Kim,Sunghi	000061596	161.51
24	Huntley,Kara	000061594	356.68
25	Follette,David	000061588	171.27
26	Bailey,Christine	000061578	28.42
27	Nalivaiko,Bogdan	000061601	362.76
28	Toft,Jill	000061609	316.59
29	Fitz,Emily	000061587	14.95
30	Swanson,Sage & Susan	000061607	354.90
31	King,Jonathan	000061597	407.23
32	Gentry,David and Suzanne	000061590	252.81
33	Brake,Dee	000061580	171.27
34	Urban Forestry Services/Bartlett Consulting	000061610	97.50
35	WesSpur Tree Equipment, Inc.	000061611	454.35
36	Westlake Ace Hardware	000061612	1,601.21

Page Total: \$281,894.70

Grand Total: \$281,894.70

Accounts Payable

Check Detail

User: ITreptow
Printed: 06/27/2023 - 4:05PM



Item 5.

Check Number	Check Date	Amount
UB*03065 - Bailey, Christine Line Item Account		
61578	06/20/2023	
Inv		
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>
06/14/2023	Refund Check	401-00-000-213-10-00-000
		28.42
Inv Total		28.42
61578 Total:		28.42
UB*03065 - Bailey, Christine Total:		28.42
bettj - BETTS JR, JIMMIE Line Item Account		
61579	06/20/2023	
Inv REIMB J. Betts		
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>
05/22/2023	Patch cables for WW switch	502-11-021-518-88-31-820
		39.37
Inv REIMB J. Betts Total		39.37
61579 Total:		39.37
bettj - BETTS JR, JIMMIE Total:		39.37
UB*03072 - Brake, Dee Line Item Account		
61580	06/20/2023	
Inv		
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>
06/14/2023	Refund Check	401-00-000-213-10-00-000
		171.27
Inv Total		171.27
61580 Total:		171.27
UB*03072 - Brake, Dee Total:		171.27
cdwg - CDW GOVT INC Line Item Account		
61581	06/20/2023	

Inv Gm63433

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
01/31/2023	Misc Parts	502-11-023-594-18-31-820	7,156.82
01/31/2023	Misc Parts	510-24-053-518-20-31-820	650.61
01/31/2023	Misc Parts	402-20-019-535-10-31-820	910.86
01/31/2023	Misc Parts	403-22-050-531-30-31-820	910.86
01/31/2023	Misc Parts	501-23-051-548-68-31-820	650.61
01/31/2023	Misc Parts	401-18-037-534-81-31-820	1,821.73
01/31/2023	Misc Parts	001-12-028-576-80-31-820	910.86

Inv Gm63433 Total 13,012.35

Inv Gw26830

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
02/17/2023	Misc Parts	402-20-019-535-10-31-820	533.61
02/17/2023	Misc Parts	403-22-050-531-30-31-820	533.61
02/17/2023	Misc Parts	401-18-037-534-81-31-820	1,067.22
02/17/2023	Misc Parts	502-11-023-594-18-31-820	4,192.65
02/17/2023	Misc Parts	001-12-028-576-80-31-820	533.61
02/17/2023	Misc Parts	501-23-051-548-68-31-820	381.15
02/17/2023	Misc Parts	510-24-053-518-20-31-820	381.15

Inv Gw26830 Total 7,623.00

Inv Gw80167

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
02/20/2023	Misc Parts	403-22-050-531-30-31-820	1,867.64
02/20/2023	Misc Parts	502-11-023-594-18-31-820	14,674.28
02/20/2023	Misc Parts	401-18-037-534-81-31-820	3,735.26
02/20/2023	Misc Parts	501-23-051-548-68-31-820	1,334.02
02/20/2023	Misc Parts	402-20-019-535-10-31-820	1,867.64
02/20/2023	Misc Parts	510-24-053-518-20-31-820	1,334.02
02/20/2023	Misc Parts	001-12-028-576-80-31-820	1,867.64

Inv Gw80167 Total 26,680.50

Inv Gz41207

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
02/23/2023	Misc Parts	502-11-023-594-18-31-820	33,541.20
02/23/2023	Misc Parts	510-24-053-518-20-31-820	3,049.20
02/23/2023	Misc Parts	501-23-051-548-68-31-820	3,049.20
02/23/2023	Misc Parts	403-22-050-531-30-31-820	4,268.88
02/23/2023	Misc Parts	001-12-028-576-80-31-820	4,268.88
02/23/2023	Misc Parts	401-18-037-534-81-31-820	8,537.76
02/23/2023	Misc Parts	402-20-019-535-10-31-820	4,268.88

Inv Gz41207 Total 60,984.00

Inv Gz45754

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
02/23/2023	Misc Parts	403-22-050-531-30-31-820	1,067.22
02/23/2023	Misc Parts	402-20-019-535-10-31-820	1,067.22
02/23/2023	Misc Parts	502-11-023-594-18-31-820	8,385.30
02/23/2023	Misc Parts	501-23-051-548-68-31-820	762.30

02/23/2023	Misc Parts	001-12-028-576-80-31-820	1,067.22
02/23/2023	Misc Parts	401-18-037-534-81-31-820	2,134.44
02/23/2023	Misc Parts	510-24-053-518-20-31-820	762.30
Inv Gz45754 Total			15,246.00

Inv Hg80521

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
03/08/2023	Panasonic 4th and 5th years public sector	401-18-037-534-81-31-820	2,586.48
03/08/2023	Panasonic 4th and 5th years public sector	001-12-028-576-80-31-820	1,293.24
03/08/2023	Panasonic 4th and 5th years public sector	402-20-019-535-10-31-820	1,293.24
03/08/2023	Panasonic 4th and 5th years public sector	510-24-053-518-20-31-820	923.74
03/08/2023	Panasonic 4th and 5th years public sector	502-11-023-594-18-31-820	10,161.21
03/08/2023	Panasonic 4th and 5th years public sector	501-23-051-548-68-31-820	923.74
03/08/2023	Panasonic 4th and 5th years public sector	403-22-050-531-30-31-820	1,293.24

Inv Hg80521 Total 18,474.89

Inv Hm44473

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
04/05/2023	Panasonic Lind Adapter	403-22-050-531-30-31-820	306.57
04/05/2023	Panasonic Lind Adapter	501-23-051-548-68-31-820	218.98
04/05/2023	Panasonic Lind Adapter	510-24-053-518-20-31-820	218.98
04/05/2023	Panasonic Lind Adapter	402-20-019-535-10-31-820	306.57
04/05/2023	Panasonic Lind Adapter	401-18-037-534-81-31-820	613.15
04/05/2023	Panasonic Lind Adapter	001-12-028-576-80-31-820	306.57
04/05/2023	Panasonic Lind Adapter	502-11-023-594-18-31-820	2,408.79

Inv Hm44473 Total 4,379.61

Inv Hv25892

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
04/05/2023	Panasonic Docking Station	501-23-051-548-68-31-820	137.23
04/05/2023	Panasonic Docking Station	403-22-050-531-30-31-820	192.13
04/05/2023	Panasonic Docking Station	402-20-019-535-10-31-820	192.13
04/05/2023	Panasonic Docking Station	502-11-023-594-18-31-820	1,509.47
04/05/2023	Panasonic Docking Station	401-18-037-534-81-31-820	384.25
04/05/2023	Panasonic Docking Station	510-24-053-518-20-31-820	137.33
04/05/2023	Panasonic Docking Station	001-12-028-576-80-31-820	192.13

Inv Hv25892 Total 2,744.67

Inv Hw28608

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/30/2023	Panasonic Docking Station	402-20-019-535-10-31-820	720.47
05/30/2023	Panasonic Docking Station	403-22-050-531-30-31-820	720.47
05/30/2023	Panasonic Docking Station	401-18-037-534-81-31-820	1,440.95
05/30/2023	Panasonic Docking Station	501-23-051-548-68-31-820	514.63
05/30/2023	Panasonic Docking Station	001-12-028-576-80-31-820	720.47
05/30/2023	Panasonic Docking Station	510-24-053-518-20-31-820	514.63
05/30/2023	Panasonic Docking Station	502-11-023-594-18-31-820	5,660.90

Inv Hw28608 Total 10,292.52

Inv JW06593

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/30/2023	Panasonic Docking Station	510-24-053-518-20-31-820	68.60
05/30/2023	Panasonic Docking Station	402-20-019-535-10-31-820	96.06
05/30/2023	Panasonic Docking Station	502-11-023-594-18-31-820	754.83
05/30/2023	Panasonic Docking Station	001-12-028-576-80-31-820	96.06
05/30/2023	Panasonic Docking Station	403-22-050-531-30-31-820	96.06
05/30/2023	Panasonic Docking Station	501-23-051-548-68-31-820	68.60
05/30/2023	Panasonic Docking Station	401-18-037-534-81-31-820	192.13

Inv JW06593 Total 1,372.34

61581 Total: 160,809.88

cdwg - CDW GOVT INC Total: 160,809.88

century - CENTURYLINK Line Item Account 511-25-054-518-50-42-000

61582 06/20/2023

Inv 8001 1-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
01/20/2023	Clty phones	502-11-020-518-88-42-000	656.49

Inv 8001 1-23 Total 656.49

61582 Total: 656.49

century - CENTURYLINK Total: 656.49

cl - CHINOOK LUMBER INC Line Item Account

61583 06/20/2023

Inv 1922303

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
04/08/2023	Lumber for Trail Bridge Deck Replacement	310-12-601-594-76-63-000	736.14

Inv 1922303 Total 736.14

Inv 1922309

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
04/08/2023	Lumber for Trail Bridge Deck Replacement	310-12-601-594-76-63-000	841.31

Inv 1922309 Total 841.31

Inv 1930359

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/09/2023	Grinder, Lumber, Milwaukee M18 Battery	403-22-030-531-90-31-300	634.92

Inv 1930359 Total 634.92

Inv 1930962

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/11/2023	Salal St Stormpond Fence Repair	403-22-050-531-30-31-300	340.66

Inv 1930962 Total			340.66
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61583 Total:			2,553.03
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cl - CHINOOK LUMBER INC Total:			2,553.03
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cored - CITY OF REDMOND Line Item Account

61584 06/20/2023

Inv 00004171

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/26/2023	Mobile Integrated Health - Q1 2023	001-09-014-522-10-41-000	1,694.00

Inv 00004171 Total			1,694.00
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61584 Total:			1,694.00
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cored - CITY OF REDMOND Total:			1,694.00
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cos - CITY OF SNOQUALMIE UB Line Item Account

61585 06/20/2023

Inv 5-23 UB

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/15/2023	Streets	001-16-035-542-30-47-300	5,231.39
06/15/2023	Fire	001-09-014-522-50-47-300	830.65
06/15/2023	Water	401-18-037-534-81-47-300	846.96
06/15/2023	Median Irrigation	001-16-035-542-70-47-300	190.50
06/15/2023	Parks	001-12-028-576-80-47-300	27,481.21
06/15/2023	WWTP	402-20-040-535-80-47-300	9,725.49
06/15/2023	Central Services	510-24-053-518-20-47-100	6,020.10
06/15/2023	Police	001-08-009-521-50-47-300	903.62
06/15/2023	Irrigation	401-19-039-539-35-47-300	393.73
06/15/2023	Riverwalk	001-13-000-518-20-47-300	188.70
06/15/2023	Storm Water	403-22-050-531-30-47-300	173.28

Inv 5-23 UB Total			51,985.63
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61585 Total:			51,985.63
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cos - CITY OF SNOQUALMIE UB Total:			51,985.63
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comcast - Comcast Line Item Account 511-25-054-518-50-42-000

61586 06/20/2023

Inv 11-22 IT

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>
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11/11/2022	IT: Secondary Internet Service	502-11-020-518-88-42-200	421.18
Inv 11-22 IT Total			421.18
Inv 12-22 IT			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
11/11/2022	IT: Secondary Internet Service	502-11-020-518-88-42-200	421.18
Inv 12-22 IT Total			421.18
Inv 1-23 IT			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
01/11/2023	IT: Secondary Internet Service	502-11-020-518-88-42-200	421.18
Inv 1-23 IT Total			421.18
61586 Total:			<hr/> 1,263.54
comcast - Comcast Total:			<hr/> 1,263.54
UB*03068 - Fitz, Emily Line Item Account			
61587	06/20/2023		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	14.95
Inv Total			14.95
61587 Total:			<hr/> 14.95
UB*03068 - Fitz, Emily Total:			<hr/> 14.95
UB*03064 - Follette, David Line Item Account			
61588	06/20/2023		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	171.27
Inv Total			171.27
61588 Total:			<hr/> 171.27
UB*03064 - Follette, David Total:			<hr/> 171.27
UB*02792 - Gangadharan, Rajith Line Item Account			
61589	06/20/2023		

Inv 56552

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
11/18/2021	Re-issue stale refund check	401-00-000-213-10-00-000	350.00
Inv 56552 Total			350.00

61589 Total:	350.00
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UB*02792 - Gangadharan, Rajith Total:	350.00
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UB*03071 - Gentry, David and Suzanne Line Item Account

61590 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	252.81
Inv Total			252.81

61590 Total:	252.81
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UB*03071 - Gentry, David and Suzanne Total:	252.81
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hhm - Helping Hands Ministry Line Item Account 001-13-125-565-10-49-440

61591 06/20/2023

Inv 6-12-2023

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/12/2023	ARPA Recipient (Contract for Services)	150-13-000-514-60-41-000	3,965.66
Inv 6-12-2023 Total			3,965.66

61591 Total:	3,965.66
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hhm - Helping Hands Ministry Total:	3,965.66
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HWB - Holmes Weddle & Barcott, PC Line Item Account

61592 06/20/2023

Inv 824098

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Randall BIIA Matters	001-04-004-515-41-41-103	3,305.00
Inv 824098 Total			3,305.00

61592 Total:	3,305.00
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HWB - Holmes Weddle & Barcott, PC Total:	3,305.00
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UB*03061 - Hunter, Maxwell and Lisa Line Item Account

61593 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	487.45

Inv Total	487.45
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61593 Total:	487.45
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UB*03061 - Hunter, Maxwell and Lisa Total:

487.45

UB*03063 - Huntley, Kara Line Item Account

61594 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	356.68

Inv Total	356.68
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61594 Total:	356.68
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UB*03063 - Huntley, Kara Total:

356.68

UB*03059 - Jones, Lawrence Line Item Account

61595 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	22.17

Inv Total	22.17
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61595 Total:	22.17
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UB*03059 - Jones, Lawrence Total:

22.17

UB*03062 - Kim, Sunghi Line Item Account

61596 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	161.51

Inv Total	161.51
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61596 Total:	161.51
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UB*03062 - Kim, Sunghi Total:

161.51

kc tr600 - KING COUNTY TREASURY Line Item Account

61598 06/20/2023

Inv KC prop tax-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/12/2023	KC Property Tax 2023	402-13-000-535-80-44-400	17.07
06/12/2023	KC Property Tax 2023	401-13-000-534-81-44-400	17.08
06/12/2023	KC Property Tax 2023	001-12-028-576-80-44-400	17.08

Inv KC prop tax-23 Total	51.23
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61598 Total:

51.23

kc tr600 - KING COUNTY TREASURY Total:

51.23

UB*03070 - King, Jonathan Line Item Account

61597 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	407.23

Inv Total	407.23
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61597 Total:

407.23

UB*03070 - King, Jonathan Total:

407.23

UB*03060 - Lund, Ron & Amanda Line Item Account

61599 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	383.34

Inv Total	383.34
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61599 Total:

383.34

UB*03060 - Lund, Ron & Amanda Total:

383.34

madrona - Madrona Law Group Line Item Account

61600 06/20/2023

Inv 12005

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/06/2023	Various Matters	001-04-004-515-41-41-100	5,372.50
06/06/2023	C.A. Carey Litigation	001-04-004-515-41-41-102	108.00
06/06/2023	PRR 23-233 E-Mail Review	001-05-005-514-20-41-000	295.00

Inv 12005 Total	5,775.50
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61600 Total:	5,775.50
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madrona - Madrona Law Group Total:	5,775.50
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UB*03066 - Nalivaiko, Bogdan Line Item Account

61601 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	362.76

Inv Total	362.76
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61601 Total:	362.76
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UB*03066 - Nalivaiko, Bogdan Total:	362.76
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Panorama - Panorama Apartments, LLC Line Item Account

61602 06/20/2023

Inv 5-16-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/16/2023	ARPA rent assistance - residents in Panorama Apts (5)	150-13-132-565-10-49-462	25,000.00

Inv 5-16-23 Total	25,000.00
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61602 Total:	25,000.00
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Panorama - Panorama Apartments, LLC Total:	25,000.00
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pse - Puget Sound Energy Line Item Account 001-08-009-521-50-47-100

61603 06/20/2023

Inv PSE 001499 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	1,135.29

Inv PSE 001499 6-23 Total	1,135.29
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Inv PSE 002083 5-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/30/2023	PD building	510-24-053-518-20-47-100	3,888.34

Inv PSE 002083 5-23 Total	3,888.34
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Inv PSE 037989 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
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06/05/2023	Electricity	401-18-037-534-81-47-100	16.12
Inv PSE 037989 6-23 Total			16.12
Inv PSE 103385 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	401-19-039-539-35-47-100	11.84
Inv PSE 103385 6-23 Total			11.84
Inv PSE 133972 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	594.23
Inv PSE 133972 6-23 Total			594.23
Inv PSE 198066 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	58.04
Inv PSE 198066 6-23 Total			58.04
Inv PSE 198082 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	25.52
Inv PSE 198082 6-23 Total			25.52
Inv PSE 241392 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	402-20-045-535-65-47-100	94.81
Inv PSE 241392 6-23 Total			94.81
Inv PSE 241418 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	402-20-045-535-65-47-100	124.72
Inv PSE 241418 6-23 Total			124.72
Inv PSE 400820 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	11.34
Inv PSE 400820 6-23 Total			11.34
Inv PSE 436232 6-23			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	401-19-039-539-35-47-100	588.17
Inv PSE 436232 6-23 Total			588.17

Inv PSE 456550 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	11.84

Inv PSE 456550 6-23 Total 11.84

Inv PSE 549936 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	41.78

Inv PSE 549936 6-23 Total 41.78

Inv PSE 577403 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	14.26

Inv PSE 577403 6-23 Total 14.26

Inv PSE 577445 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	13.66

Inv PSE 577445 6-23 Total 13.66

Inv PSE 617464 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	106.17

Inv PSE 617464 6-23 Total 106.17

Inv PSE 639966 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	1,502.57

Inv PSE 639966 6-23 Total 1,502.57

Inv PSE 742043 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	29.03

Inv PSE 742043 6-23 Total 29.03

Inv PSE 780111 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	43.39

Inv PSE 780111 6-23 Total 43.39

Inv PSE 780137 6-23

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity - street lighting	001-16-035-542-63-47-100	12.01

Inv PSE 780137 6-23 Total	12.01
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Inv PSE 794782 6-23	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	401-19-039-539-35-47-100	12.56

Inv PSE 794782 6-23 Total	12.56
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Inv PSE 885592 6-23	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/05/2023	Electricity	510-24-053-518-20-47-100	1,180.89

Inv PSE 885592 6-23 Total	1,180.89
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61603 Total:	9,516.58
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pse - Puget Sound Energy Total:	9,516.58
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rebeccad - Rebecca Dean PLLC Line Item Account

61604 06/20/2023	
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Inv 1380	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
04/30/2023	Personnel Matter - Gutwein	001-06-075-518-10-41-420	741.50

Inv 1380 Total	741.50
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Inv 1388	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/01/2023	Personnel Matter - Gutwein	001-06-075-518-10-41-420	2,487.00

Inv 1388 Total	2,487.00
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61604 Total:	3,228.50
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rebeccad - Rebecca Dean PLLC Total:	3,228.50
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roberth - Robert Half Line Item Account

61605 06/20/2023	
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Inv 62115475	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/07/2023	FI: Contract Employee - Asker	502-11-023-594-18-41-190	2,880.00

Inv 62115475 Total	2,880.00
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Inv 62136956	
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<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/13/2023	Contractor -Munis ERP week ending 6/9/23 (2.38 hrs)	502-11-023-594-18-41-190	119.00
06/13/2023	Contractor - Gen Finance week ending 6/9/23 (35.42 hrs)	001-06-007-514-23-41-190	1,771.00

Inv 62136956 Total	1,890.00
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61605 Total:	4,770.00
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roberth - Robert Half Total:	4,770.00
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sunbelt - Sunbelt Rentals, Inc. Line Item Account

61606 06/20/2023

Inv 139850628-0001

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/23/2023	Stump Grinder Rental	403-22-030-531-90-31-300	350.87

Inv 139850628-0001 Total	350.87
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61606 Total:	350.87
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sunbelt - Sunbelt Rentals, Inc. Total:	350.87
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UB*03069 - Swanson, Sage & Susan Line Item Account

61607 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	354.90

Inv Total	354.90
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61607 Total:	354.90
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UB*03069 - Swanson, Sage & Susan Total:	354.90
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twwp - The Workwear Place Line Item Account

61608 06/20/2023

Inv 2337

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/06/2023	New Employee Supplies	403-22-050-531-30-31-300	312.03

Inv 2337 Total	312.03
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Inv 2338

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/06/2023	Kyle Markwardt Union Clothing Purchase	403-22-050-531-30-23-100	208.81

Inv 2338 Total	208.81
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Inv 2339

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
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06/06/2023	Christine Iverson Stinson Clothing Purchase	403-22-050-531-30-23-100	208.03
Inv 2339 Total			208.03
61608 Total:			728.87
twwp - The Workwear Place Total:			728.87
UB*03067 - Toft, Jill Line Item Account			
61609	06/20/2023		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	316.59
Inv Total			316.59
61609 Total:			316.59
UB*03067 - Toft, Jill Total:			316.59
ufs/bart - Urban Forestry Services/Bartlett Consulting Line Item Account			
61610	06/20/2023		
Inv 2022-637			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
12/30/2022	Re-issue for incorrect name on check	001-14-032-558-60-41-080	97.50
Inv 2022-637 Total			97.50
61610 Total:			97.50
ufs/bart - Urban Forestry Services/Bartlett Consulting Total:			97.50
wesspur - WesSpur Tree Equipment, Inc. Line Item Account			
61611	06/20/2023		
Inv IN-2703128			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/01/2023	Arborist Cutting Supplies	403-22-030-531-90-31-300	454.35
Inv IN-2703128 Total			454.35
61611 Total:			454.35
wesspur - WesSpur Tree Equipment, Inc. Total:			454.35
wlace - Westlake Ace Hardware Line Item Account			
61612	06/20/2023		

Inv 15308966

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/19/2023	Cable Ties for Gauge Installation	403-22-050-531-30-31-300	17.64

Inv 15308966 Total 17.64

Inv 15308981

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/22/2023	New Employee Tools	403-22-050-531-30-31-300	635.23

Inv 15308981 Total 635.23

Inv 15309005

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/24/2023	New Employee Tools	403-22-050-531-30-31-300	384.91

Inv 15309005 Total 384.91

Inv 15309048

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/31/2023	New Employee Tools	403-22-050-531-30-31-300	563.43

Inv 15309048 Total 563.43

61612 Total: 1,601.21

wlace - Westlake Ace Hardware Total:

1,601.21

UB*03058 - Westra, Daniel Line Item Account

61613 06/20/2023

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
06/14/2023	Refund Check	401-00-000-213-10-00-000	206.14

Inv Total 206.14

61613 Total: 206.14

UB*03058 - Westra, Daniel Total:

206.14

Total: 281,894.70

Claims Approval Report F&A 7-5-23, CM 7-10-23

Final Audit Report

2023-06-28

Created:	2023-06-27
By:	Ilyse Treptow (itreptow@snoqualmiewa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAvb3qfUMPOSjuffS5Er7W5EbQs_BsMbaL

"Claims Approval Report F&A 7-5-23, CM 7-10-23" History



Document created by Ilyse Treptow (itreptow@snoqualmiewa.gov)

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Email viewed by Jerry Knutsen (JKnutsen@snoqualmiewa.gov)

2023-06-27 - 11:21:03 PM GMT



Document e-signed by Jerry Knutsen (JKnutsen@snoqualmiewa.gov)

Signature Date: 2023-06-28 - 0:03:47 AM GMT - Time Source: server



Agreement completed.

2023-06-28 - 0:03:47 AM GMT



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-091
July 10, 2023
Committee Report

Item 6.

AGENDA BILL INFORMATION

TITLE:	AB23-091: Amendment to Public Works Contract with CPM Development Corporation DBA ICON Materials, Inc for the 2023 Overlay Project	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed:
PROPOSED ACTION:	Approve Amendment No. 1 to the Public Works Contract with CPM Development Corporation DBA ICON Materials, Inc for the 2023 Overlay Project	<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director	Choose an item.	Click or tap to enter a date.
	Finance	Janna Walker	6/24/2022
	Legal	David Linehan	6/25/2022
	City Administrator	Mike Chambless	6/26/2022

DEPARTMENT:	Parks & Public Works		
STAFF:	Hind Ahmed		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: July 5, 2023	
MEMBERS:	Ethan Benson	Bryan Holloway	Jo Johnson
EXHIBITS:	1. AB23-091x1 (Amendment) 2. AB23-091x2 (Paving Location) 3. AB23-091x3 (Fees) 4. AB23-091x4 (CIP)		

AMOUNT OF EXPENDITURE	\$ 104,607.50
AMOUNT BUDGETED	\$ 1,165,000
APPROPRIATION REQUESTED	\$ n/a

SUMMARY

INTRODUCTION

This Agenda Bill seeks to amend the existing Public Works contract with CPM Development Corporation DBA ICON Materials, Inc. for the 2023 Street Overlay Project. The 2023 Overlay Project includes grind and overlay of a portion of Tokul Rd, portion of Stone Quarry, SE Mountain Avenue, and a portion of Mill Pond Rd. This amendment adds to the scope of work on Mill Pond Rd. and to total contract amount.

LEGISLATIVE HISTORY

The original contract with ICON Materials was approved by Council on May 22, 2023 under [AB23-064](#) for the construction of 2023 Overlay Project.

BACKGROUND

The City of Snoqualmie's 2023-2028 Capital Improvement Plan (CIP) includes the street resurfacing program, which rehabilitates City streets and alleys before they require extensive reconstruction. The 2023 Overlay Project is part of the street resurfacing program and includes a 2-inch grind and overlay of a portion of Tokul Road, Stone Quarry Road, all of SE Mountain Avenue and a portion of Mill Pond Road. Work will also include full depth repair sections on Mill Pond Rd.

On May 22, 2023 council approved the Award of a public works contract to the lowest responsible, responsive bidder; ICON Materials Inc. at total bid of \$622,095, per AB23-064. This amendment adds to the scope of work in Mill Pond Rd. a total of 6000 SY of grind and overlay to address a section that needs repair and to close the gap between 2021 and 2023 overlay limits.

The added work is estimated to cost \$104,605.50 which will increase the total contract amount to \$726,702.50.

ANALYSIS

The pavement condition of Mill Pond Rd, currently outside the scope of the existing contract, also needs repair. Engineering estimates for the costs of repaving under the original 2023 Overlay Project scope of work indicated that the City would not have enough budgeted funding for a full repaving of all of Mill Pond Rd. To remain under the budgeted revenue for repaving for the 2023-2024 biennium, scope controls efforts were implemented. When Staff reviewed final bids for the 2023 Overlay Project, and the subsequent below-budget bid, considerations for the remaining repaving funding were investigated. To maximize benefits for our citizens, staff recommends increasing the existing contract scope of work which utilizes the low-bid price and benefits from eliminating any additional construction cost that may occur if the repair were to happen later.

BUDGET IMPACTS

Administration recommends approving the amendment to the CPM Development Corporation DBA ICON Materials, Inc. contract in the amount of \$104,608 to grind and overlay an additional portion of Mill Pond Road as part of the Street Resurfacing Program. This program is incorporated in the 2023-2028 Capital Improvement Plan (CIP) (See Exhibit #4). The 2023-24 Budget appropriates \$1,165,000 for this and other similar work through the Street Resurfacing Program. Currently, \$1,159 has been spent in the current biennium and \$622,095 is encumbered for the original contract value. With the addition of this amendment to the CPM Development Corporation DBA ICON Materials, Inc. contract, the remaining Biennial Budget appropriation is \$437,139. Therefore, sufficient appropriation exists within the 2023-2024 Biennial Budget (Non-Utilities Capital Fund #310) to fund the contract.

Street Resurfacing Program

	2023-2024 Biennial Budget	
Beginning Budget	\$	1,165,000
Expenditures	\$	(1,159)
Outstanding Contract Value (Previously Approved by Council)	\$	(622,095)
Current Available Budget	\$	541,746
Value of this Contract (AB23-091)	\$	(104,608)
Available Budget after AB23-091	\$	437,139

NEXT STEPS

Following Council approval staff will work with the Mayor to execute Amendment No. 1 with CPM Development Corporation DBA ICON Materials, Inc. Construction of the 2023 Overlay Project with the added scope of work on Mill Pond Rd. will then commence and be completed by October 2023.

PROPOSED ACTION

Move to approve Amendment No. 1 to the Public Works Contract with ICON Materials, Inc. for the 2023 Overlay Project.

**CITY OF SNOQUALMIE
PUBLIC WORKS CONTRACT
Amendment No. 1
2023 Overlay Project**

This Amendment No. 1 amends that certain Public Works contract for the 2023 Overlay Project dated June 08, 2023 (“June 08, 2023 Agreement”), which was previously entered into by and between the City of Snoqualmie, a Washington municipal corporation (“City”) and CPM Development Corporation dba ICON Materials, Inc., a Washington corporation (“Contractor”). City and Contractor are collectively referred to in this Amendment No. 1 as “the Parties.”

WHEREAS, the June 08, 2023 Agreement between the Parties provided for Contractor to complete the construction of the 2023 Overlay Project as described therein; and

WHEREAS, the City has requested Contractor to provide additional services, including grind and overlay of an additional 6000 SY on Mill Pond Rd; and

WHEREAS, Contractor has the resources and capability to perform this work and has provided fee estimate for such additional work: and

WHEREAS, the City finds that the fee estimate provided by Contractor is fair and reasonable and provides substantial benefits to the City that would not be obtained by rebidding a separate contract for this additional work;

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

Section 1 Scope of Work Amended. The work (“Work”), as described in the parties’ June 08, 2023 Agreement is hereby amended as follows:

Section 00 03 00. Form of Bid and Bid Schedule. The Bid Schedule of the June 08, 2023 Agreement is hereby amended to add the additional work tasks set forth in Exhibit A to this Amendment No. 1.

Project Drawings or Plans. The project drawings and plans of the June 08, 2023 Agreement are hereby amended to add the additional work tasks set forth in Exhibit B to this Amendment No. 1.

Section 2. Compensation Amended. Section 2 of the June 08, 2023 Agreement is hereby amended to increase the total compensation to be paid Contractor for the Work from \$622,095 to \$726,702.5.

ACCEPTED AND AGREED TO BY:

CITY OF SNOQUALMIE,
WASHINGTON

By: _____

Its: Mayor

Date: _____

CONTRACTOR: ICON Materials, Inc

By: _____

Typed/Printed Name: _____

Its: _____

Date: _____

ATTEST:

Deana Dean, City Clerk

Date: _____

APPROVED AS TO FORM:

City Attorney

Date: _____

Exhibit B: Mill Pond Rd

Item 6.



PAVING LIMITS

1750-LF X 30 FT

APPROX. 6000SY - 2" DEPTH

City of Snoqualmie Paving Location

Item 6.

June. 29th, 2023

- 2023 Paving Locations
- Section Added by AB 23-091
- 2021 Overlay Limit
- City Limits



Exhibit A

Fees of Additional work (Mill Pond Rd.)

Item No.	Description	Unit	Quantity	Unit Price	Total Amount
1	Unexpected Site Changes	EST	1	\$10,000	\$10,000
2	Planing Bituminous Pavement	SY	6000	\$ 4.01	\$24,060.00
3	HMA Cl. ½-inch PG 64-22	TON	700	\$ 97.1	\$67,970.00
4	Painted 4" Edge Line - White	LF	3500	\$ 0.31	\$1,085.00
5	painted Centerline (Double Yellow)	LF	1750	\$ 0.31	\$542.5
7	Mobilization	LS	1	\$ 950	\$950
				Subtotal Price	\$104,607.5



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-092
July 10, 2023
Committee Report

Item 7.

AGENDA BILL INFORMATION

TITLE:	AB23-092: Resolution Adopting the Water System Plan and Water Use Efficiency Goals (Resolution No. 1651)	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Approve Resolution No. 1651 Adopting the Water System 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	Choose an item.	6/27/2023
	Finance	Choose an item.	6/27/2023
	Legal	Outside Counsel	6/28/2023
	City Administrator	Choose an item.	6/27/2023

DEPARTMENT:	Parks & Public Works		
STAFF:	Jeff Hamlin		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: July 5, 2023	
MEMBERS:	Bryan Holloway	Ethan Benson	Jo Johnson
EXHIBITS:	1. Resolution No. 1651 2. Resolution No. 1593 3. WSP Executive Summary 4. WSP Appendix F 5. WSP Appendix P		

SUMMARY

INTRODUCTION

This agenda bill seeks council approval to adopt the Water System Plan (WSP), dated July 2, 2022 and authorize final submittal to agencies. WSPs are required by governmental entities prior to providing water service and must be prepared in accordance with Washington State Department of Health (DOH) regulations under Chapter 246-290 of the Washington Administrative Code (WAC), which requires water purveyors to update their water system plans every 10 years. The primary purpose of the WSP is to identify and schedule water system improvements that correct existing deficiencies and ensure a safe and reliable 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 WSP and the opportunity to ask questions about the plan. Included was a review of the Water Use Efficiency Goals, attached here as **Appendix F** of the WSP. Subsequently, at its September 9, 2021 meeting, Council approved the WSP for submittal to State and Local agencies (see Resolution No. 1593).

BACKGROUND

Following council action on September 9, 2021, the draft WSP was submitted to agencies and was reviewed for compliance with applicable code and policy requirements. **Appendix P** of the WSP documents all agency review comments along with the City's responses and updates to the plan.

ANALYSIS

This WSP is a comprehensive planning document prepared in accordance with Washington Administrative Code (WAC) Chapter 246-290. The primary purpose of the WSP is to identify and schedule water system improvements that correct existing deficiencies and ensure a safe and reliable drinking water system for current and future customers. Final approval of the WSP is an important task necessary to advance water related capital improvements and fulfill obligations to current and future water utility customers.

BUDGET IMPACTS

This agenda bill does not include approval of any expenditures.

NEXT STEPS

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

PROPOSED ACTION

Move to approve Resolution No. 1651 adopting the Water System Plan and authorize final submittal to agencies.

RESOLUTION NO. 1651**A RESOLUTION OF THE CITY OF SNOQUALMIE,
WASHINGTON, ADOPTING THE WATER SYSTEM
PLAN AND WATER USE EFFICIENCY GOALS**

WHEREAS, the City of Snoqualmie previously authorized RH2 Engineering, Inc., to prepare an update to the City's Water System Plan in conformance with current regulations and guidelines, which Draft update was completed in August 2021; and submitted for agency review, including Washington State Department of Health, Washington State Department of Ecology, and King County Utilities Technical Review Committee; and

WHEREAS, agency review comments have been addressed and resubmitted for final approval; and

WHEREAS, the Washington State Legislature passed Engrossed Second Substitute House Bill 1338 in 2003, better known as the Municipal Water Law, to address the increasing demand on our state's water resources; and

WHEREAS, the law established that all municipal water suppliers must use water more efficiently in exchange for water right certainty and flexibility to help them meet future demands, and directing the Department of Health to adopt an enforceable Water Use Efficiency Program, which became effective on January 22, 2007; and

WHEREAS, the Water Use Efficiency Program states "you must set your own goals through a public process [WAC 246-290-830(4)(a)]", the deadline for the first goal being January 22, 2008 for municipal water suppliers with 1,000 or more connections; and

WHEREAS, the Water Use Efficiency Program states that goals must be evaluated and reestablished at least every six years [WAC 246-290-830(7)]; and

WHEREAS, goals may consist of demand side (customer) and production side goals; and

WHEREAS, a public hearing was conducted on July 26, 2021 during a round table discussion to obtain public comment on the Water System Plan and water use efficiency [WUE] goals; and

WHEREAS, it would promote the public health, safety and welfare to approve and adopt the Water System Plan; and

WHEREAS, the Snoqualmie City Council wishes to adopt water use efficiency goals consistent with its WSP; now, therefore, be it

RESOLVED by the City Council of the City of Snoqualmie as follows:

Section 1. The Water System Plan, dated July 2, 2022, prepared by RH2 Engineering, Inc., is hereby approved and adopted pursuant to WAC 246-290-100(8)(b), provided this approval shall be subject to approval by the Washington State Department of Health, and

Section 2. Per Washington Administrative Code (WAC) 246-290-830, WUE goals have be set through a public process and evaluated and re-established as part of a WSP update.

PASSED by the City Council of the City of Snoqualmie, Washington, this 10th day of July, 2023.

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk

Approved as to form:

David Linehan, Interim City Attorney

RESOLUTION NO. 1593

A RESOLUTION OF THE CITY OF SNOQUALMIE, WASHINGTON, APPROVING THE SUBMITTAL OF THE DRAFT WATER SYSTEM PLAN TO THE DEPARTMENT OF HEALTH AND TO KING COUNTY FOR REVIEW, AND APPROVING THE SUBMITTAL OF THE DRAFT GENERAL SEWER PLAN TO THE DEPARTMENT OF ECOLOGY FOR REVIEW

WHEREAS, in April, 2018, the City of Snoqualmie authorized RH2 Engineering, Inc. to prepare an update of the City's water system plan pursuant to WAC 246-290-100 and in conformance with current regulations and guidelines; and

WHEREAS, a draft water system plan is ready to be submitted to the Washington State Department of Health for review; and

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 WAC 173-240-050 and in conformance with current regulations and guidelines; and

WHEREAS, a draft general sewer plan is ready to be submitted to the Washington State Department of Ecology for review,

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

Section 1: The City of Snoqualmie Draft Water System Plan, August 2021, as prepared by RH2 Engineering, Inc., is hereby approved to be submitted to the Washington State Department of Health and to King County for review.

Section 2: The City of Snoqualmie Draft General Sewer Plan, July 2021, as prepared by RH2 Engineering, Inc., is hereby approved to be submitted to the Washington State Department of Ecology for review.

PASSED by the City Council of the City of Snoqualmie, Washington, this 9th day of September, 2021.



Matthew R. Larson, Mayor

Attest:



Nicole Wiebe, Interim City Clerk

E | EXECUTIVE SUMMARY

PURPOSE OF THE WATER SYSTEM PLAN

The City of Snoqualmie's (City) water system is a major infrastructure, much of which is invisible to the customers that receive its water. The water system requires qualified staff to operate and maintain an ongoing capital improvement program to replace old components to meet the requirements mandated by federal and state laws. The primary purpose of the City of Snoqualmie Water System Plan (WSP) is to identify and schedule water system improvements that correct existing system deficiencies and ensure a safe and reliable supply of water to current and future customers. This WSP complies with Washington State Department of Health (DOH) regulations under Chapter 246-290 Washington Administrative Code (WAC), which requires water purveyors to update their water system plans every 10 years.

The City's previous WSP was prepared in February 2013. This updated 2021 WSP reflects King County's (County) population allocation to the City and the City's current Urban Growth Area (UGA), which are consistent with the 2014 City and 2018 County *Comprehensive Plan* updates. The WSP also reflects improvements and changes to the water system since the completion of the 2013 WSP.

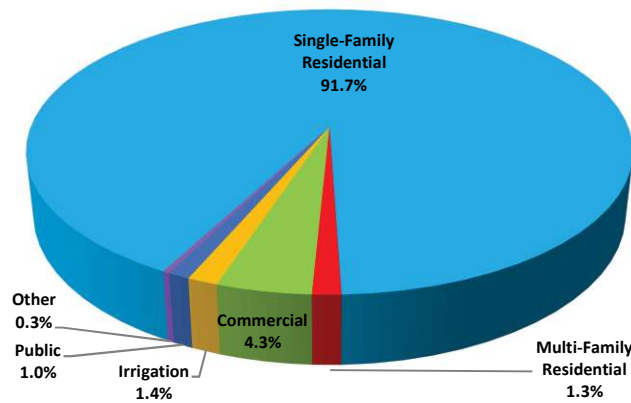
SUMMARY OF KEY ELEMENTS

This WSP presents a description of the existing water system and service area, a forecast of future water demands, policies and design criteria for water system operation and improvements, the operations and maintenance program, staffing requirements, a schedule of improvements, and a financial plan to accomplish the improvements. The WSP also includes several ancillary elements that include a water use efficiency plan, a water quality monitoring plan, a wellhead protection plan, a watershed control plan, and a cross-connection control program. A summary of the key issues related to these elements is provided in the following sections.

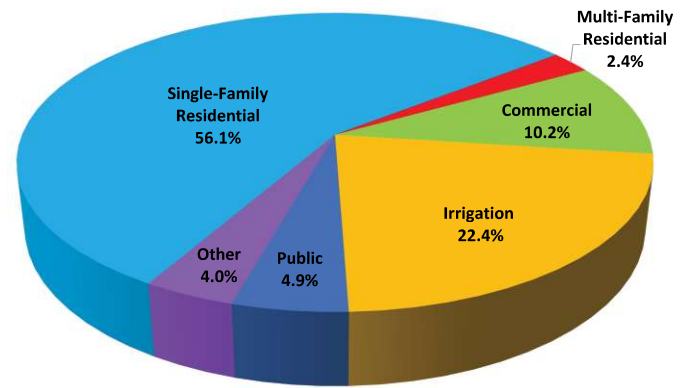
Water Service Area

The City provides water service to approximately 14,322 people throughout its water service area boundary, which extends beyond the City's corporate limits. The City is responsible for providing public water service, utility management, and water system development within this area. The City will provide new water service within the City limits and where there are existing water mains (i.e., the retail water service area). Requests for new water service outside of the City limits but within the UGA, where there are no existing water mains fronting the property, will only be granted after completion of an annexation agreement.

In 2017, the City provided water service to an average of 4,911 connections, which were mainly comprised of single-family connections. Single-family connections represent approximately 91.7 percent of all accounts, but the single-family class only consumed 56.1 percent of all water supplied to the system in 2017.



2017 Water Connections



2017 Water Consumption

Existing Water System

The City's water system was initially established from springs and surface streams. In 1950, the City began to utilize the Canyon Springs source. Well No. 1 was the City's next source, which was constructed in 1973 on the Mount Si High School property. This well was eventually decommissioned and replaced with Well No. 1-R in 2006. Well No. 2 was drilled by a developer in 1995 and fully developed in 2009 as a second well. Both Well Nos. 1-R and 2 currently comprise the South Wellfield. Well Nos. 6 and 7 were drilled in 1995 and equipped in 1996 to become the North Wellfield. Well No. 8 was drilled in 2001 and equipped in 2002 to become a part of the North Wellfield. A summary of the City's sources is shown in **Table ES-1**.

Table ES-1
Supply Facilities Summary

Facility	Pressure Zone	Year Installed	Use	Existing Capacity (gpm)	Well Depth (feet)	Water Treatment
Canyon Springs	599 Zone	1950s	Active	898	N/A	Chlorination
North Wellfield¹						
Well No. 6	705 Zone	1996	Active	550	589	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
Well No. 7	705 Zone	1996	Active	550	541	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
Well No. 8	705 Zone	2002	Active	1,250	694	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
South Wellfield²						
Well No. 1-R	599 Zone	2006	Active	600	557	Chlorination, Filtration (Iron and Manganese Removal)
Well No. 2	599 Zone	2009	Active	600	564	Chlorination, Filtration (Iron and Manganese Removal)

1 = Well No. 6 cannot be run simultaneously with Well No. 8, so the maximum combined capacity of the North Wellfield is approximately 1,800 gpm.

2 = The capacity of the South Wellfield is currently limited to 563 gpm by the South Wellfield WTP.

The City's water system currently has six storage facilities that provide storage directly to the 599 Zone, 705 Zone, 1040 Zone, and 1172 Zone. A summary of the City's storage facilities are shown in **Table ES-2**.

Table ES-2
Storage Facilities Summary

Reservoir	Approximate Location	Pressure Zone	Year Constructed	Construction Type	Capacity (MG)	Overflow		
						Elevation (feet)	Diameter (feet)	Height (feet)
599 Zone								
599 Reservoir	South of Cortland Avenue SE	599 Zone	1961	Steel	0.51	599	52	32
Snoqualmie Ridge Pressure Zones								
705 Reservoir No. 1	Fisher Creek Park	705 Zone	1996	Steel	0.03	705	15	24
705 Reservoir No. 2			2018	Steel	0.13		30	24
1040 Reservoir No. 1	South of SE Jacobia St, between	1040 Zone	1997	Concrete	2.10	1,040	122	24
1040 Reservoir No. 2	Hancock Ave SE and SE Keller St		2004	Concrete	1.72		110.5	24
South Pressure Zones								
1172 Reservoir	South of Snoqualmie Point Park	1172 Zone	1989	Steel	0.40	1,172	47	31

The City's water system currently has five booster pump station (BPS) facilities. The 705 BPS, 1040 BPS, and 1180-1260 BPS provide water to pressure zones in the Snoqualmie Ridge area. The 384th Avenue SE BPS and Snoqualmie Point BPS provide water to pressure zones in the southern areas of the system. A summary of the pumping facilities is shown in **Table ES-3**.

Table ES-3
Booster Pump Station Facilities Summary

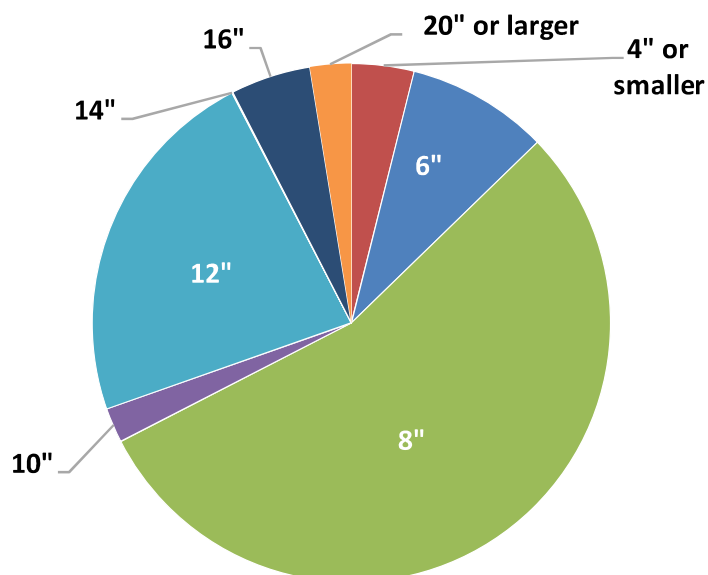
Pump Station	Suction Pressure Zone	Discharge Pressure Zone	Year Constructed	Number of Pumps	Pump Type	Pump Motor Size (HP)	Pump Capacity	Has VFDs?	Sum of Pump Capacities (gpm) ¹	Generator
Snoqualmie Ridge Pressure Zones Booster Pump Stations										
705 BPS	599 Zone	705 Zone	1997	2	Horizontal end-suction	(2) 60	(2) 600 gpm @ 175' TDH	No	2,400	Kimball Creek LS Diesel Generator
			2008	2	Horizontal end-suction	(2) 60	(2) 600 gpm @ 175' TDH	Yes		Portable Diesel Generator
1040 BPS	705 Zone	1040 Zone	1996	4	Vertical turbine	(2) 100	(2) 625 gpm @ 385' TDH	No	2,500	Diesel Generator
						(2) 125	(2) 625 gpm @ 385' TDH	No		
1180-1260 BPS	1040 Zone	1180 Zone	2008	6	Vertical turbine	(1) 10	(1) 155 gpm @ 164' TDH	Yes	4,748	Diesel Generator
						(3) 40	(3) 531 gpm @ 215' TDH	Yes		
						(2) 125	(2) 1,500 gpm @ 210' TDH	No		
		1260 Zone		6	Vertical turbine	(1) 15	(1) 137 gpm @ 245' TDH	Yes	4,445	
						(3) 50	(3) 436 gpm @ 290' TDH	Yes		
						(2) 150	(2) 1,500 gpm @ 290' TDH	No		
South Pressure Zones Booster Pump Stations										
384th Avenue SE BPS	599 Zone	799 Zone	1982	3	Vertical turbine	(2) 20	(2) 200 gpm @ 216' TDH	No	1,600	Natural Gas Generator
					Horizontal end-suction	(1) 125	(1) 1,200 gpm @ 272' TDH	No		
Snoqualmie Point BPS	799 Zone	1172 Zone	1989	2	Submersible	(2) 25	(2) 150 gpm @ 414' TDH	No	300	None

¹ = The actual total station capacity is typically less than the sum of pump capacities, due to increased head losses at higher flow rates. Total capacity may also be limited if the BPS electrical system is not designed to run all pumps concurrently.

The City's water system contains approximately 69 miles of water main ranging in size from 2 inches to 24 inches. As shown in **Table ES-4**, most of the water main (approximately 92 percent) within the system is 12 inches in diameter or less. The remaining 8 percent of the water main is 14 inches in diameter or larger.

Table ES-4
Water Main Diameter Inventory

Diameter (Inches)	Length (Feet)	% of Total
4 or smaller	14,151	3.9%
6	32,069	8.8%
8	198,496	54.7%
10	7,872	2.2%
12	82,597	22.8%
14	227	0.1%
16	18,077	5.0%
20 or larger	9,338	2.6%
Total	362,827	100%



Past Water Usage

Table ES-5 presents the total annual supply and average day demand for 2011 through 2017. Water demands have generally been increasing since 2011. This is most likely the result of new development, which primarily consists of single-family residences in the Snoqualmie Ridge area.

Table ES-5
Historical Water Supply and System Demand

	Canyon Springs	North Wellfield	South Wellfield		Average Day
Year	Supply (MG)	Supply (MG)	Supply (MG)	Total Supply (MG)	Demand (gpm)
2011	127.5	248.7	65.9	442.1	841
2012	128.8	239.1	104.2	472.2	896
2013	143.0	297.2	66.1	506.3	963
2014	156.1	300.7	79.3	536.0	1,020
2015	350.2	139.2	29.8	519.2	988
2016	398.7	90.7	0.0	489.4	929
2017	360.5	148.2	52.9	561.6	1,068

Per Capita Demands

Table ES-6 show the computation of the existing residential population per capita demand based on 2017 data. The existing per capita demand of 86 gallons per day (gpd) was calculated by adding the estimated distribution system leakage with the residential consumption.

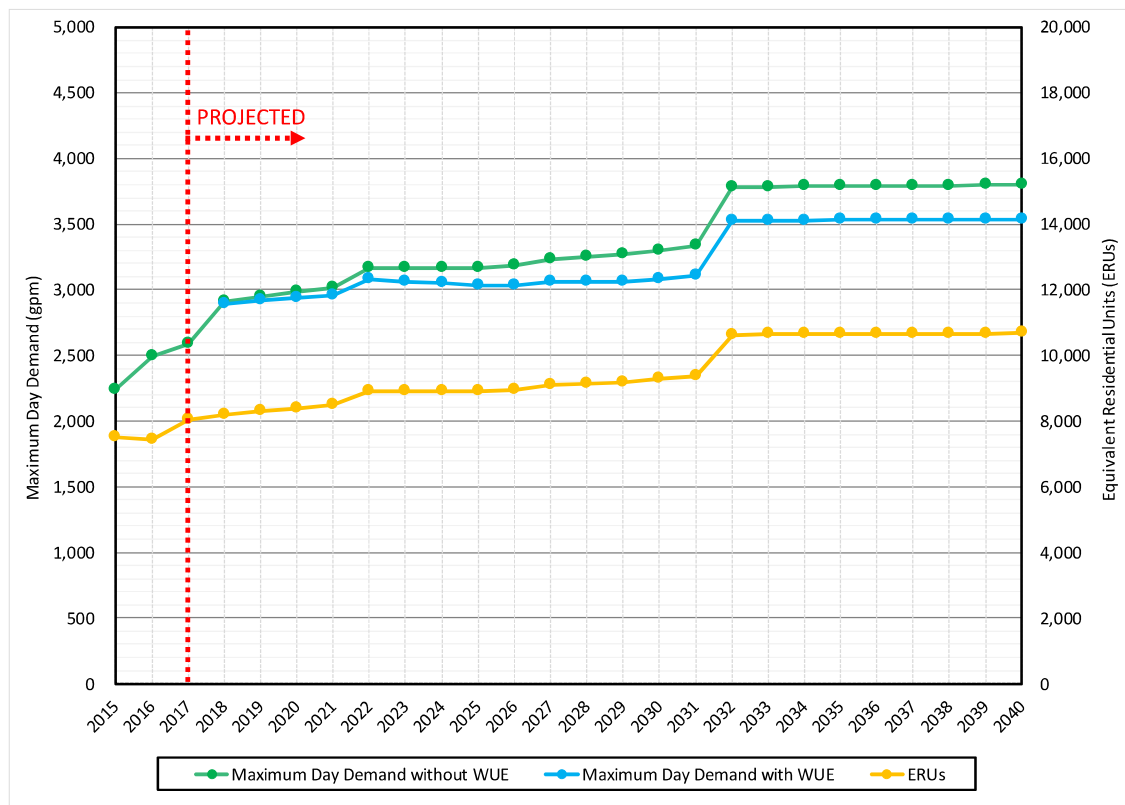
Table ES-6
Existing Residential Population Per Capita Demand

Calculated 2017 Residential Population Served	14,322
2017 Total Annual Residential Population Consumption (gallons)	441,469,877
Existing Residential Population Per Capita Consumption (gpd/capita)	84
2017 Estimated Residential Population DSL (gallons)	8,260,265
2017 Total Annual Residential Population Demand (gallons)	449,730,142
Existing Residential Per Capita Demand (gpd/capita)	86

Future Water Demands and Water Supply

Overall water demand within the City's system is expected to increase by approximately 32 percent of 2017 demand by the end of the 20-year planning period. Future demand projections were calculated with and without water savings expected from implementing the City's water use efficiency measures. **Chart ES-1** shows the Maximum Day Demand and ERU projections for the system through the end of the 20-year planning period.

Chart ES-1
Maximum Day Demand and ERU Projections (Demand Basis)



Water Source and Quality

Water is supplied to the City from Canyon Springs, the North Wellfield, and the South Wellfield. Canyon Springs is located in a deep canyon on the north hillside bank of the North Fork of the Snoqualmie River and has a capacity of 898 gallons per minute (gpm).

The North Wellfield consists of Wells No. 6, No. 7, and No. 8 located in the northernmost area of the City's water service area. Due to interference, Wells No. 6 and No. 8 are not operated simultaneously, so the wellfield has a combined capacity of approximately 1,800 gpm.

The South Wellfield consists of Wells No. 1R and No. 2 on property currently occupied by Mount Si High School. The wellfield has a capacity of 563 gpm.

All City water sources are chlorinated. The North Wellfield Water Treatment Plant (WTP) and South Wellfield WTP remove iron and manganese from the water produced by their respective wells. The North Wellfield WTP also treats the water to remove arsenic. At the North Wellfield WTP, a sodium hypochlorite solution is added to the raw water for oxidation, while ferric chloride is added to the raw water to coprecipitate with arsenic. Three filter trains are used to remove iron, manganese, and arsenic that binds with the ferric chloride.

At the South Wellfield WTP, sodium hypochlorite is used for oxidation and then filtered with pyrolusite media to remove iron and manganese compounds. Canyon Springs water currently is treated with sodium hypochlorite generated onsite. The sodium hypochlorite is injected into the 12-inch PVC transmission main from the springs 1,320 feet upstream of the disinfection building.

Operations and Maintenance

The City's operations and maintenance organization is staffed by well qualified, technically trained personnel. City staff regularly participate in safety and training programs to keep abreast of the latest changes in the water industry and ensure a smooth and safe operation of the water system. The current staff have effectively operated and maintained the water system in the past. However, to optimize the preventive maintenance program and operations of the water system, additional personnel are recommended. As the water system expands in the future and continues to age, additional staff will be required. The City plans to add staff to meet the increased requirements from system expansion as the budget allows.

The City has taken several steps to prepare for emergency situations. Vulnerability Assessment and Emergency Response Plans (ERP) have been prepared that conform to the requirements of the Bioterrorism Act of 2002. Per America's Water Infrastructure Act (AWIA) of 2018, the City is required to complete an all-hazards risk and resilience assessment (RRA) and ERP. The City's RRA was completed in June 2021. The ERP is currently being updated and will be completed in December 2021.

Water System Evaluation

The existing water system was evaluated to determine its ability to meet the policies and design criteria of the City and those mandated by DOH. The results of the evaluation are summarized as follows.

- The City will have a source capacity deficiency of approximately 41 gpm by 2030, increasing to 537 gpm at the end of the 20-year planning period. As part of a long-rang water supply plan, the City is considering implementation of an Aquifer Storage and Recovery program and other improvements to resolve the deficiency.

- Canyon Springs needs collector box upgrades and new access trail/road to replace the aging existing infrastructure. The City also is considering installation of a BPS to maximize source output.
- The City plans to install permanent backup power with an automatic transfer switch for Well Nos. 6 and 7.
- The South Wellfield's on-site hypochlorite generation system is aging. The City plans to upgrade the system to standardize with the Canyon Springs and North Wellfield WTP manufacturer.
- The 705 BPS is equipped with four pumps: two fixed speed and two variable frequency drives (VFDs). The City plans to retrofit the fixed speed pumps with VFDs to allow for more efficient operation.
- The City plans to install a fifth pump at the 1040 BPS to increase the capacity by approximately 625 gpm.
- The City plans to construct a new 1.6 million gallon (MG) 599 Reservoir No. 2 to resolve the storage deficiency for the 20-year planning period.
- The City plans to construct a new 1040 Reservoir No. 3 by 2030 to remedy storage deficiencies in the 1040 Zone operating area. The 1.8 MG capacity will remedy storage deficiencies in both the 1040 and 705 Zones.
- The City's Reinig Road PRV/PSV has been installed but is currently inactive. The City plans to activate this PRV/PSV and install a supervisory control system. An additional PRV also is recommended to supply water from the 705 Zone to the 599 Zone.
- Several pressure zone improvements, consisting of new water main, PRVs, and valve configuration changes, need to be implemented to address high and low pressures.
- Several areas of the system require water main replacements to resolve deficiencies related to low fire flows, aging water main, and undesirable materials.

Proposed Water System Improvements and Financing Plan

Improvements to the water system are necessary, primarily to resolve existing system deficiencies, but also to accommodate the increase in water demands from future growth. Improvements identified for the first 11 years (2020 through 2030) are estimated to cost approximately \$50.7M. The 21-year period through 2040 includes \$63.4M in total project costs.

The financial analysis is intended to illustrate the feasibility of funding the operation and maintenance and capital improvements recommended for the water system in the next 10 years. The results of the financial analysis indicate that rates must increase to provide sufficient revenue to cover all utility financial obligations. The City completed a rate study in 2020 that was based on a modified version of the CIP presented in **Table ES-7** that was adjusted based on comments received as part of the study. The results of the rate study indicated that beginning in 2022, annual rate increases of 4.80 percent through 2030 should provide for continued financial viability while maintaining affordable rates.

Table ES-7
Proposed Improvements Implementation Schedule

No.	Description	Estimated Cost (2020 \$)	Schedule of Improvements Planned Year of Project and Estimated Cost in 2020 \$											
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030-2040	
Water Main Improvements														
WM1	Annual Water Main Replacement Program ¹	\$21,036,000				\$1,500K	\$1,500K	\$1,500K	\$1,500K	\$1,500K	\$1,500K	\$1,500K	\$1,500K	\$10,536K
WM2	SR 202 Bridge Water Main Replacement Feasibility Analysis	\$75,000	\$50K	\$25K										
WM3	SR 202 Bridge Water Main Replacement	\$1,424,000					\$475K	\$949K						
WM4	Infrastructure Improvement Program/Street Preservation Program	\$8,500,000	\$2,500K	\$1,870K	\$3,570K	\$560K								
WM5	Investigation and Potential Replacement of Fisher Ave Water Main	\$200,000				\$200K								
WM6	Investigation and Potential Replacement of Denny Peak Water Main	\$80,000					\$80K							
WM7	SE 76th St in Ernie's Grove	\$780,000												\$780K
WM8	Williams Addition Water System	\$580,000	\$145K	\$218K	\$218K									
WM9	Spruce St SE Water Main Replacement	\$550,000	\$138K	\$206K	\$206K									
WM10	SE King St Water Main Replacement	\$30,000				\$30K								
WM11	Maple Ave SE Water Main Replacement	\$240,000				\$240K								
WM12	Mill Site WM Loop (Developer Funded)	\$5,770,000			\$1,443K	\$2,885K								\$1,443K
Pressure Zone Improvements														
PZ1	599 Zone Evaluation and Reing Road PRV/PSV Station Activation	\$10,000	\$10K											
PZ2	SCADA for Reing Rd PRV/PSV Station	\$110,000	\$110K											
PZ3	705 Zone to 599 Zone Conversion	\$100,000			\$100K									
PZ4	599 Zone to 705 Zone Conversion ²	\$90,000			\$90K									
PRV Improvements														
PRV1	670 Zone PRV Adjustment ³	\$19,000	\$19K											
PRV2	1180/1040 Zone PRV at Raines Ave SE and Water Main	\$830,000												\$830K
PRV3	PRV Recirculation Study and Improvements				\$140K									
Facility Improvements														
F1	1040 BPS Additional Pump	\$390,000	\$390K											
F2	South Wellfield VFDs	\$50,000	\$50K											
F3	Canyon Springs Improvements	\$5,520,000												
F4	South Wellfield Chlorine Contact Time Improvements	\$800,000			\$267K	\$533K				\$920K	\$2,300K		\$2,300K	
F5	South Wellfield On-Site Sodium Hypochlorite Generation Improvements	\$470,000			\$157K	\$313K								
F6	Permanent Backup Generator for South Wellfield/South Wellfield Treatment Plant	\$1,020,000			\$1,020K									
F7	Permanent Backup Generator for Well No. 6 and Well No. 7 (North Wellfield)	\$1,020,000											\$1,020K	
F8	Retrofit 705 BPS with VFDs	\$70,000			\$70K									
F9	705 BPS Additional Pump	\$390,000			\$390K									
F10	Install Drain System for 1040 Reservoir Valve Vaults	\$30,000			\$30K									
F11	Reservoir Siting Study	\$40,000			\$40K									
F12	1.6 MG 599 Reservoir No. 2 (Partially Developer Funded)	\$3,970,000					\$662K	\$1,654K	\$1,654K					
F13	1.8 MG 1040 Reservoir No. 3	\$4,470,000							\$745K	\$1,863K	\$1,863K			
F14	0.2 MG 1172 Reservoir No. 2/799 Reservoir	\$1,180,000								\$393K	\$787K			
Miscellaneous Improvements														
M1	Source of Supply Improvements - Study	\$200,000	\$200K											
M2	Source of Supply Improvements - Implementation	\$2,000,000		\$1,000K	\$1,000K									
M3	Risk & Resiliency Assessment and Emergency Response Plan ³	\$60,000	\$30K	\$30K										
M4	Water Use Efficiency Audit and Programming	\$299,000	\$46K	\$46K	\$12K	\$12K	\$12K	\$12K	\$12K	\$12K	\$12K	\$12K	\$12K	\$115K
M5	Water System Plan Update	\$805,000											\$403K	
M6	Pump Condition Evaluation	\$60,000			\$60K									
Total Estimated Costs of City Funded Improvements			\$55,653,000	\$3,688K	\$3,395K	\$5,005K	\$3,975K	\$4,094K	\$4,113K	\$4,201K	\$4,294K	\$4,205K	\$6,021K	\$12,664K
Total Estimated Costs of Developer Funded Improvements			\$7,755,000		\$1,443K	\$2,885K	\$331K	\$827K	\$827K	\$827K	\$1,443K		\$1,443K	

1 = Annual project cost can be adjusted to meet City budget goals. Remainder of project costs can be shifted to the 2040+ horizon.

2 = Project should be completed in the short-term due to pressures below 30 psi and/or significant impact on available fire flow.

3 = America's Water Infrastructure Act of 2018 requires development or update of the Risk and Resiliency Assessment by June 30, 2021, and the Emergency Response Plan by December 30, 2021.

APPENDIX F

WATER USE EFFICIENCY PROGRAM

WATER USE EFFICIENCY PROGRAM

INTRODUCTION

The City of Snoqualmie (City) recognizes that water is a valuable and essential natural resource that needs to be used wisely. This Water Use Efficiency (WUE) program provides an approach to increase water use efficiency within the City's water service area.

BACKGROUND

The Water Use Efficiency Rule

In September 2003, the Washington State Legislature passed the Municipal Water Supply – Efficiency Requirements Act, also known as the Municipal Water Law. The Municipal Water Law required the state to implement the WUE Rule. The intent of this rule is to help reduce the demand that growing communities, agriculture, and industry have placed on our state's water resources, and to better manage these resources for fish and other wildlife. Municipal water suppliers are obligated under the WUE Rule to enhance the efficient use of water by the system and/or its consumers.

The WUE Rule applies to all municipal water suppliers and requires suppliers to:

- Develop WUE goals through a public process and report annually on their performance;
- Maintain distribution system leakage (DSL) at or below 10 percent of production;
- Meter all existing and new service connections;
- Collect production and consumption data, calculate DSL, and forecast demands;
- Evaluate WUE measures; and
- Implement a WUE program.

Water Use Efficiency Program Requirements

The *Water Use Efficiency Guidebook*, originally published by the Washington State Department of Health (DOH) in July 2007, and revised in January 2009, January 2011, and January 2017, identifies the water use reporting, forecasting, and efficiency program requirements for public water systems. A WUE program meeting these requirements is a necessary element of a Water System Plan as required by DOH and is necessary to obtain water right permits from the Washington State Department of Ecology (Ecology). The *Water Use Efficiency Guidebook* defines the necessary components of a WUE program as the following four fundamental elements.

1. Planning requirements that include collecting data, forecasting demand, evaluating WUE measures, calculating DSL, and implementing a WUE program to meet goals.
2. A DSL standard of 10 percent or less based on a 3-year rolling average. For systems with less than 500 connections, the DSL standard may be increased to 20 percent if a request with supporting data is provided to DOH.

3. Goal setting to provide a benchmark for achievement and to help define the success of the WUE program.
4. Annual performance reporting on progress towards meeting WUE goals.

WATER SUPPLY CHARACTERISTICS

Water in the City's system is currently only supplied by Snoqualmie-owned sources. Snoqualmie-owned sources include Canyon Springs, the South Wellfield (Well Nos. 1R and 2), and the North Wellfield (Well Nos. 6, 7, and 8). The South Wellfield has elevated raw water ammonia that can result in taste and odor issues; therefore, water is only supplied through this source when customer demand is high.

A summary of the Snoqualmie-owned sources is shown in **Table 1**, and a more detailed description of each source of supply is provided in **Chapter 2** of the City's Water System Plan (WSP).

Table 1
Supply Facilities Summary

Facility	Pressure Zone	Year Installed	Use	Existing Capacity (gpm)	Well Depth (feet)	Water Treatment
Canyon Springs	599 Zone	1950s	Active	898	N/A	Chlorination
North Wellfield¹						
Well No. 6	705 Zone	1996	Active	550	589	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
Well No. 7	705 Zone	1996	Active	550	541	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
Well No. 8	705 Zone	2002	Active	1,250	694	Chlorination, Filtration (Iron, Manganese, and Arsenic Removal)
South Wellfield²						
Well No. 1-R	599 Zone	2006	Active	600	557	Chlorination, Filtration (Iron and Manganese Removal)
Well No. 2	599 Zone	2009	Active	600	564	Chlorination, Filtration (Iron and Manganese Removal)

¹ = Well No. 6 cannot be run simultaneously with Well No. 8, so the maximum combined capacity of the North Wellfield is approximately 1,800 gpm.

² = The capacity of the South Wellfield is currently limited to 563 gpm by the South Wellfield WTP.

The City currently holds one surface water certificate, three groundwater certificates, and one ground water permit for its sources of municipal supply. A summary of these water rights is

presented in **Table 2**. Additional water rights information for each source may be found in **Chapter 6** of the WSP, and on the certificates, permits, and water rights self-assessment that are included in **Appendix I**.

Table 2
Existing Water Rights

Water Right	Priority Date	Document	Source Name	Instantaneous Rate (gpm)		Annual Volume (afy)	
				Additive	Non-additive	Additive	Non-additive
GWC 91-D	1/1/1930	Superseding Certificate	North and South Wellfield	90	0	100	0
GWC 92-D	1/1/1940	Superseding Certificate	North and South Wellfield	90	0	100	0
G1-20316C	10/13/1972	Superseding Certificate	North and South Wellfield	600	0	0	500
G1-25449P	5/30/1989	Permit	North Wellfield	1,650	0	724	0
Ground Water Subtotal				2,430	0	924	500
SWC 4553	10/18/1944	Certificate	Canyon Springs	898	0	1,448	0
Total				3,328		2,372	

Notes:

A maximum of 2,430 gpm and 1,424 afy can be pumped from the North Wellfield.

A maximum of 600 gpm and 500 afy can be pumped from the South Wellfield.

G1-20316C annual volume is non-additive to the annual volume granted under GWC 91-D, GWC 92-D, and SWC 4553.

Instantaneous rate under SWC 4553 is equal to 2 cubic feet per second.

No annual volume specified under SWC 4553. Annual volume calculated here is equal to 898 gpm continuously, year round.

Development Schedule on G1-25449P requires full beneficial use by September 30, 2020.

Maximum of all rights is 3,328 gpm and 2,372 afy.

WATER USE EFFICIENCY PROGRAM

As previously described, the fundamental elements of a WUE program include planning requirements and DSL standards, as well as goal setting and performance reporting. The City's water use data, demand forecasts, and other planning requirements are contained in **Chapter 4** of the WSP. The City is committed to continue collecting water use data beyond that presented in **Chapter 4** for evaluation of its WUE program and water use patterns, and for forecasting demands for future facilities. The City's WUE program that follows includes a statement of its goals and objectives, the evaluation and selection of alternative efficiency measures, the schedule and budget, and the method of program monitoring.

Water Use Efficiency Goals and the Public Process

Per Washington Administrative Code (WAC) 246-290-830, WUE goals must be set through a public process and shall be evaluated and re-established as part of a WSP update. The City formally adopted water use efficiency goals in 2004 with the adoption of its WSP that year, and last updated its WUE Program as part of its 2013 WSP. The City has established new WUE goals for this update, building on the previous goals of reducing DSL and summer water use. The new WUE goals are as follows:

- Reduce the maximum day demand/average day demand (MDD/ADD) peaking factor to 2.5 by 2030.
- Maintain system-wide DSL at less than 6.0 percent per year based on a 3-year rolling average.

The City's highest annual MDD/ADD peaking factor of 2.68 was observed in 2016, as shown in **Table 3**. This peaking factor is above the typical range of 1.2 to 2.5 observed for most Puget Sound area systems. The City has established the goal of reducing the MDD/ADD peaking factor to 2.5 by 2030. Reducing the peaking factor will help mitigate the City's need to acquire additional water rights in the future and minimize the need to increase other aspects of system capacity.

Table 3
Demands and Peaking Factors

Year	Average Day Demand (gpm)	Maximum Day Demand (gpm)	Peak Hour Demand (gpm)	MDD/ADD Peaking Factor	PHD/MDD Peaking Factor
2015	988	2,241	4,214	2.27	1.88
2016	929	2,491	4,495	2.68	1.80
2017	1,068	2,585	4,284	2.42	1.66

As shown in **Table 4**, the system-wide DSL 3-year rolling average has been under 6 percent since 2015, well below the state DSL standard of 10 percent. The City's goal is to maintain the 3-year rolling average below 6 percent through 2030.

Table 4
Distribution System Leakage

Description	Year						
	2011	2012	2013	2014	2015	2016	2017
Metered Customer Use (MG)	360.7	459.9	464.5	490.9	519.4	471.2	551.3
Total Supply (MG)	442.1	472.2	506.3	536.0	519.2	489.4	561.6
Total DSL Volume (MG)	81.4	12.3	41.8	45.0	-0.2	18.2	10.3
Total DSL Percentage	18.4%	2.6%	8.3%	8.4%	0.0%	3.7%	1.8%
Rolling 3-Year Average DSL Percentage	---	---	9.8%	6.4%	5.5%	4.0%	1.8%

In compliance with the WUE Rule, a public hearing was held on **July 26, 2021** at a City Council meeting to present and discuss the new goals. The City Council adopted the new goals on **September 9, 2021**.

Evaluation and Selection of Water Use Efficiency Measures

The City's evaluation of WUE measures and selected levels of implementation are presented within this section. The measures fall within three categories of implementation: 1) mandatory measures that must be implemented; 2) measures that must be evaluated; and 3) additional measures selected by the City that must be either evaluated or implemented.

The City served an average of 4,911 water service connections in 2017. Based on the number of connections, at least six WUE supplemental measures must be evaluated or implemented. Measures that are mandatory cannot be credited towards the system's WUE measures. Since the City implements the minimum number of required measures, a cost-effective evaluation is not required.

Mandatory Measures

Source Meters

The volume of water produced by the system's sources must be measured using a source meter or other meter installed upstream of the distribution system. Source meters are currently installed and operating at each of the City's sources. If any new sources are installed in the future, they will be equipped with a source meter.

Service Meters

All public water systems that supply water for municipal purposes must install individual service meters for all water users. Service meters are currently installed and operating at all connections throughout the distribution system. All future connections that are installed or activated will be equipped with a service meter.

Meter Calibration

The City must calibrate and maintain meters based on generally accepted industry standards and manufacturer information. Currently, the City evaluates and calibrates source meters every 2 years. The City began a customer meter replacement program in 1999. Customer meters are inspected regularly and replaced as necessary. Damaged or suspect meters are replaced as soon as they are discovered.

Water Loss Control Action Plan

To control leakage, systems that do not meet the state DSL standard of 10 percent must implement a Water Loss Control Action Plan (WLCAP). The City's rolling 3-year average DSL has been less than 10 percent for the past 5 years based on the information presented in **Table 4** and **Chapter 4** of the WSP. Therefore, a WLCAP is not required to be implemented.

Customer Education

Annual customer education regarding the importance of using water efficiently is a required element of all WUE programs. The City intends to provide water conservation tips along with the Consumer Confidence Report (CCR), on the City's website, and at City Hall. These materials include lawn watering and indoor conservation tips. Additional customer education and outreach measures are identified in the **Selected Supplemental Measures** section.

Measures that Must be Evaluated

Rate Structure

A rate structure that encourages WUE and provides economic incentives to conserve water must be evaluated but is not required to be implemented. The City's current utility rates are designed to discourage excessive water use. A base water rate is charged, depending on the meter size, regardless of consumption. An increasing block rate structure imposes a unit charge for water use that increases as the volume of water consumed increases.

Reclamation Opportunities

Revised Code of Washington (RCW) 90.46.010 defines reclaimed water as “water derived in any part from wastewater with a domestic wastewater component that has been adequately and reliably treated, so that it can be used for beneficial purposes.” Water systems with 1,000 or more connections must evaluate reclamation opportunities (WAC 246-290-100(4)(f)(vii)), but only actual use of reclaimed water counts as a WUE measure (WAC (246-290-810(4)(d)) or multiple WUE measures if the reclaimed water is used for multiple purposes.

The City produces Class A reclaimed water at its Water Reclamation Facility (WRF). The reclaimed water is used for golf course irrigation and municipal irrigation purposes in the Snoqualmie Ridge area. The reclaimed water irrigation system is operated by a program called Maxicom, which computes the evapotranspiration rate on a daily basis and schedules irrigation in an efficient manner. This method of irrigation reduces the amount of water used for irrigation purposes.

Use of reclaimed water by the City’s Irrigation and Public customer classes counts as two supplemental WUE measures.

Selected Supplemental Measures

The City has chosen to implement four different supplemental WUE measures in addition to those that are mandatory or required to be evaluated. Because several of these WUE measures affect multiple customer classes (detailed below), the City’s WUE program counts as 16 WUE measures, which is greater than the requirement of 6 WUE measures based on the number of service connections.

Water Bill Showing Consumption History

The City is committed to including consumption history on all bills to its customers. The City’s billing software, Springbrook, has the capability to include historic graphs on bills, and the City shows consumption history for all six of the City’s customer classes. This counts as six supplemental WUE measures.

Notifying Customers about Leaks on Their Property

The City’s billing department monitors customers’ water bills for abnormally high water reads. When a significantly high read occurs that is outside the range of normal use, the customer is notified of a potential leak on their side of the water meter. The City provides this information to all six customer classes; thus, it counts as six supplemental WUE measures.

Snoqualmie Ridge (SR) I and II Irrigation Analysis and Water Audit

The City has conducted a thorough and exhaustive inventory and analysis of the irrigation systems within the Snoqualmie Ridge area. The City has identified all areas irrigated by either potable or reclaimed water and verified all meter data and account information to ensure all irrigated water is being properly accounted for and billed. The City now monitors monthly irrigation data for all services to help determine if additional conservation measures are needed

to curtail water use. This WUE measure applies to the City's Irrigation customer class; therefore, it counts as one supplemental WUE measure.

Purveyor Assistance

The City provides wholesale water to the Walter Walker Water Works system. The Walter Walker system includes approximately 14 homes. Conservation and efficient water use efforts made by the City intended for residential customers will be extended to the homes in the Walter Walker system as well. Because the Walter Walker system is included in the City's Residential customer class, this counts as one supplemental WUE measure.

Water Use Efficiency Program Schedule and Budget

The WUE measures described above and selected for implementation by the City are summarized in **Table 5** with their corresponding schedule and budget. The successful implementation of this program is expected to achieve the City's WUE goals.

Table 5
WUE Program Schedule and Budget

Mandatory WUE Measures		
Measure	Schedule	Budget
Source Meters Installed	Ongoing	O&M Funded
Service Meters Installed	Ongoing	O&M Funded
Meter Calibration Compliance	Ongoing	O&M Funded
Customer Education	Ongoing	O&M Funded
WUE Measures That Must Be Evaluated		
Measure	Schedule	Budget
Rate Structure	Ongoing	Not Applicable
Reclamation Opportunities	Ongoing	Not Applicable
Selected WUE Measures		
Measure	Schedule	Budget
Water Bill Showing Consumption History	Ongoing	Not Applicable
Notifying Customers About Leaks	Ongoing	O&M Funded
SR I and II Irrigation Analysis and Water Audit	Ongoing	O&M Funded
Purveyor Assistance	Ongoing	Not Applicable

O&M = Operations and Maintenance

Water Use Efficiency Program Evaluation and Reporting

The City will continue to evaluate overall demand, per capita and per equivalent residential unit water use, peaking factors, and the amount of DSL on an annual basis. The City will evaluate the performance of its WUE program and implemented measures by analyzing demand data and determining the long-term trend towards reducing water usage and meeting WUE goals. If the program monitoring shows that progress towards meeting the WUE goals is not being

accomplished, more rigorous program implementation or additional program items will be considered, along with a cost-effective evaluation of measures.

The City will provide annual WUE performance reports to its consumers in the CCR and will detail the results of water use monitoring and progress towards achieving the system's WUE goals. A copy of the City's current CCR is included in **Appendix L** of the City's WSP.

APPENDIX P

RESPONSES TO AGENCY REVIEW COMMENTS


RH2 ENGINEERING
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 1.800.720.8052 / rh2.com

July XX, 2023

Mr. Richard Rodriguez
 Regional Planner
 Northwest Drinking Water Operations
 20425 72nd Avenue South, Suite 310
 Kent, WA 98032-2388

Sent via: Email

**Subject: Submittal #21-1013 – City of Snoqualmie Water System Plan
 Response to Comments**

Dear Mr. Rodriguez:

On behalf of the City of Snoqualmie (City), RH2 Engineering, Inc., (RH2) is submitting one updated electronic copy of the City's Water System Plan (WSP). The review comments from the Washington State Department of Health's (DOH) letter dated February 10, 2022 are addressed below. DOH comments are provided below in bold text, with RH2 responses in normal text.

Water System Description

1. Please provide a WSP adoption ordinance from King County.

This will be included in Appendix D when received from King County.

Basic Planning Data

2. The WSP contains actual water use data up to 2017. Please explain the absence of 2018 and 2019 data.

Development of the WSP update began in 2018; 2017 was the most recent full calendar year of data available at the time.

3. Actual water use efficiency total annual consumption figures for 2018 and 2019 are greater than forecasted consumption for those years. Please discuss.

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RH2 compared the reported total production (TP) in the City's 2018 – 2021 Water Use Efficiency (WUE) Annual Performance Reports to the average day demand projections shown in Table 4-13. The City's actual demands are consistently approximately 10 to 20 percent less than the projected demands. This demonstrates that the projected demands presented in the WSP have so far been somewhat conservative.

4. **Distribution System Leakage (DSL) in 2015 was reported as 0% and has been acknowledged as a metering error. However, this value was still used to calculate the 3-year Rolling Average DSL Percentage (Table 4-6). Would using a more conservative DSL estimate, rather than 0%, provide a more accurate 3-Year Rolling Average DSL Percentage?**

Comment acknowledged. It would be ideal if better information was available to estimate the DSL for this year, but RH2 and the City have been unable to confirm the reason for the negative DSL calculation, so the table has not been changed. The City is committed to monitoring DSL accurately and ensuring that DSL remains below 10 percent of total water use. The City's 2018 – 2021 WUE forms show that DSL has been maintained at 10 percent or less for each of these years.

5. **Table 4-9 only displays three years of peaking factor data. Have peaking factors stayed relatively stable since 2011, or are they decreasing/increasing?**

Unfortunately, SCADA data prior to 2015 was not available for calculation of peaking factors. As shown in Table 4-9, the 2015-2017 MDD/ADD peaking factor had an upward trend, while the PHD/MDD peaking factor has decreased each year. The City will continue to monitor peaking factors and evaluate trends. The City has a WUE goal to reduce the MDD/ADD peaking factor to 2.5 by 2030.

6. **What would account for the sudden increase in forecasted employment figures for 2031 to 2032?**

This employment growth is associated primarily with the currently-anticipated timing of Phase 3 of the Snoqualmie Mill Site development.

System Analysis

7. **It is acknowledged that the plan demonstrates adequate capacity up to the year 2030 provided the capital storage projects are built as planned. The source capacity deficiency will have to be resolved in a subsequent water system plan that is reviewed and approved prior to 2030.**

Comment acknowledged.

Water Use Efficiency Program (WUE) and Water Rights Assessment

8. **Respond to any review comments from the Department of Ecology.**

Responses to Ecology's comments are included in Appendix P.

Source Protections

No Comment.



Water Quality

Coliform Monitoring Plan; Include five additional sample locations to Table 8 in Appendix J to align with increased monthly requirements.

The City received concurrence for a WFI form update from Brian Wilson (Operating Permits and WFI Program Coordinator, DOH Office of Drinking Water) in April 2022. The updated WFI form results in 15 sample locations which are shown in Table 8. If needed, the City can provide associated e-mail correspondence.

Operations & Maintenance

- 9. Thank you for keeping the water facilities inventory updated. Is the City currently working with our operator certification team to ensure meeting the system requirements for Water Distribution Manager 3 and cross-connection control specialist certification?**

The City currently employs one Water Distribution Manager (WDM) 3 staff and one additional staff is preparing to take the exam. The City also employs one cross-control specialist and one Water Treatment Plant Operator 2.

- 10. Consider adding annual or quarterly inspection of reservoir seals and screens (access hatch gasket, vent screen etc.) to the preventative maintenance schedule.**

Quarterly reservoir seal and screen inspection has been added to the preventive maintenance schedules in Chapter 8.

- 11. Does your valve maintenance program include inspection and testing of the air/vacuum valves? If not, please consider incorporating.**

Air/vacuum valve inspection, cleaning, and maintenance has been added to the preventive maintenance schedules in Chapter 8.

Distribution Facilities Design and Construction Standards

- 12. Consider updating distribution construction standards from the 2004 version provided.**

- a. Please provide design standards for all types of backflow prevention assemblies found in the system (RPBA for example).**
- b. The combination air valve assembly standard drawings show a drain in the vent line. The Department considers this a potential cross-connection. Think about eliminating the drain line from the air vacuum assemble design.**
- c. Please include more detail on the disinfection procedure and bacteriological testing of new water main projects in the construction specifications.**

The City is in the process of updating distribution system construction standards in conjunction with utility system capital improvement projects. These updates are expected to be completed later this year.

**Improvement Program**

- 13. Does the City have plans to build a two-way intertie with the City of North Bend? If so, please consider incorporating the project, project feasibility study, or both in the improvement schedule.**

Due to the proximity of these systems, an intertie is potentially feasible. It is anticipated that water supply alternatives such as this will be evaluated as part of CIP M1 (Source of Supply Improvements – Study), which seeks to procure an additional source(s) of water supply for the City or to increase the capacity of existing sources.

Financial Planning

No comment.

Other Documentation

- 14. The water system must meet the consumer input process outlined in WAC 246-290-100(8). Please include documentation of a consumer meeting discussing the WSP, prior to DOH approval of the WSP.**

The draft WSP was presented at the July 26, 2021 City Council roundtable meeting; minutes are included in Appendix P. Resolution 1593, Approving the Submittal of the Draft Water System Plan for review to the Department of Health, was adopted at the September 27, 2021 City Council regular meeting (minutes included in Appendix P).

- 15. Prior to DOH approval, the District's governing body must approve and adopt the WSP.**

Documentation is included in Appendix P of the City's adoption of the plan at the July 10, 2023 City Council meeting.

- 16. Provide a signed SEPA Checklist and SEPA threshold determination with the final WSP submittal.**

These are included in Appendix E.

- 17. Include any comments from adjacent purveyors, the Snoqualmie Tribe, and the District's response to those comments.**

These are included in Appendix P.



RH2 has enclosed one electronic copy of the final WSP. If this submittal of information meets your needs for WSP approval, RH2 requests, on behalf of the City, that the WSP be approved. If you have any questions, please contact me at (425) 951-5319 or via email at zschrempp@rh2.com.

Sincerely,

Zach Schrempp, PE

Project Engineer

ZS/mrc

Enclosures: City of Snoqualmie Water System Plan (one electronic copy)



RH2 ENGINEERING
Bothell

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July XX, 2023

Mr. Jay Cook
Hydrogeologist
Department of Ecology
Northwest Regional Office
PO Box 330316
Shoreline, WA 98133-9716

Sent via: Email

Subject: **City of Snoqualmie Water System ID 81080 Water System Plan Response to Comments**

Dear Mr. Cook,

On behalf of the City of Snoqualmie (City), RH2 Engineering, Inc., (RH2) is submitting the following responses to the Washington State Department of Ecology's (Ecology) review comments on the City's Water System Plan (WSP). The review comments from Ecology's letter dated March 1, 2022 are addressed below. Excerpts of Ecology comments are provided below in bold text, with RH2 responses in normal text.

While current use appears to be well below the City's total authorized quantities, projected future demand is expected to increase by approximately 32 percent by the end of the 20-year planning period. Chapter 7 of the WSP estimate the City of Snoqualmie will have a source capacity deficiency of approximately 41 gpm by 2030 and 537 gpm at the end of the 20-year planning period. *These estimates do not track with the City of Snoqualmie's Water Rights Self-Assessment, as provided in Appendix I of the WSP.* Estimates provided in the Self-Assessment indicate no deficiency for the 10-year planning period and a 470 gpm deficiency at the end of the 20-year planning period. No deficiency in annual quantity (ac-ft/yr) was identified in the WSP.

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Based on the information provided in the City of Snoqualmie WSP, dated August 2021, future source capacity, as limited by legal availability under state- issued water rights, appears to be an issue. According to the WSP, the City of Snoqualmie is considering an aquifer storage and recovery project as well as other improvements to resolve the projected deficiency in instantaneous quantity. Ecology understands that City of Snoqualmie has active water right applications, G1-27589 and S1-28833 on file, and that the City is actively evaluating the technical and regulatory considerations associated with these pending applications.

RH2 acknowledges this comment; Table 7-2 shows the water source capacity including physical (pumping/treatment) limitations, so the reported capacities for the North and South Wellfields are less than the water rights limitations reported on the Water Right Self-Assessment form in Appendix I.

The City is working to determine the best path forward to resolve the projected water rights deficiency; multiple capital improvement projects have been identified in Chapter 9 to address the deficiency, including exploration of aquifer storage and recovery. The City recently received a Water Resources Streamflow Restoration grant from the Department of Ecology that will fund part of the costs of model development and a feasibility analysis of Aquifer Storage and Recovery.

If you have any questions, please contact me at (425) 951-5319 or via email at zschrempp@rh2.com.

Sincerely,

Zach Schrempp, PE
Project Engineer
ZS/mrc



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July XX, 2023

Mr. Dan Cardwell
Chair of the King County Utilities Technical Review Committee
King County Department of Local Services
201 S Jackson Street
KSC-LS-0815
Seattle, WA 98104

Sent via: Email

**Subject: City of Snoqualmie Water System Plan
Response to Comments**

Dear Mr. Cardwell,

On behalf of the City of Snoqualmie (City), RH2 Engineering, Inc., (RH2) is submitting one updated electronic copy of the City's Water System Plan (WSP). The review comments from the King County Utilities Technical Review Committee's (UTRC) open meeting on April 20, 2022 are addressed below. UTRC comments are provided below in bold text, with RH2 responses in normal text.

Table 3-3: The City's population shows zero population growth from 2021-2025. There are only 1000 new residents in the next twenty years? At the same time, 4000 new jobs? Table 4-13 shows the City growing by only nine residents per year from 2025-2029. These numbers all seem ultraconservative. There's no mention of a moratorium anywhere in the document, if that's any part of the rationale.

The population and employment projections reported in the WSP are consistent with the projections provided by the City's Community Development Department, which do not depend upon enactment of a moratorium. The City assumes zero net population growth from 2023 – 2025, and relatively low growth from 2026 - 2029. The majority of the City's current population primarily resides in two master planned developments, Snoqualmie Ridge I and II, which are nearly fully built-out. The three remaining undeveloped parcels are slated for non-residential commercial, a school, and a 46-unit duplex/townhome project for which occupancy is not likely until 2025.

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The total City population growth from 2017 to 2040 is projected to be approximately 2,300 people and the total City employment growth from 2017 to 2040 is projected to be approximately 4,600 jobs. Approximately 2,900 of the projected 4,600 jobs are associated with Mill Site Phase 2 and 3, which do not have a residential component. Opportunities for infill residential growth outside of Snoqualmie Ridge I and II, i.e., in historic downtown are severely limited by the presence of regulated floodplain/floodway designations.

Population and employment projections and their role in the WSP, were explained in some detail by Michele Campbell of RH2, during testimony on a SEPA Environmental Impact Statement appeal in April, 2022, at which the UTRC's Jae Hill attended and also testified.

Page 3-8: "It was assumed that the customers in the UGA outside the City limits would all be annexed to the City by 2040." Are these annexations part of the extremely limited growth in Tables 3-3 and 4-13?

The water system population and employment projections presented in Table 3-3 and Table 4-13 carefully consider that projected City population/employment growth may include annexation of existing water system customers and endeavor not to "double count" these customers when projecting water system growth.

Page 4-2: Priority for extension. City maintains a duty to serve within its retail service area, but specifically deprioritizes properties outside of the corporate limits of the city. This mentions the order of priority for applications, but not how that priority is allocated. Is it done annually? As applications are made?

The City maintains priorities for the extension of water service and acknowledges its duty to serve as noted on pages 4-1 and 4-2. Similar priorities for extension of service were adopted in the City's 2013 Water System Plan, in Appendix E. These priorities are evaluated at the time of determination of water availability based on information available, including development vested by an approved development agreement and related master plan approval, other applications and water demand projections outlined in the water system plan.

Table 4-14: Assuming that no ERUs are added, due to no population increase during the period from 2022-2025, what causes the additional ERUs to begin specifically at 2025?

Table 4-14 shows ERU growth after 2025, commensurate with the water system growth projected in Table 3-3.

Page 10-11 mentions non-rate revenues, and are shown in Table 10-5 to measure 4% of total projected revenue. What do these revenues include? If connection charges, there are probably zero new connections if there is zero population growth.

Per FCS Group, the non-rate revenues include the following: Fire hydrant use permits, water hookup charges, water finance charge/late fees, sales of scrap & junk, miscellaneous revenue, interest on investments, and irrigation finance charge/late fees.

There's not a single mention of "climate change" in the document, much less an analysis of the potential impacts on climate change with regards to instream flows. The document does

mention that minimum instream flows are not met on 66% of days currently (Page 6-8), but doesn't say what will happen in the future.

A new section has been added at the end of Chapter 4 describing potential climate change impacts to the City's water system.

The discussion on potential sources doesn't identify any specific sources. Is the Tolt River pipeline concept being revived?

It is not known whether it is feasible for the City to purchase drinking water directly from Seattle Public Utilities (SPU) due to the distance between the City's distribution system and any existing SPU transmission mains. It is anticipated that water supply alternatives such as this will be evaluated as part of CIP M1 (Source of Supply Improvements – Study), which seeks to procure an additional source(s) of water supply for the City or to increase the capacity of existing sources. Other potential supply alternatives include Aquifer Storage and Recovery (ASR), as well as development of two pending water right applications currently on file with the Department of Ecology, G1-27589 and S1-28833, for which the City is actively evaluating the associated technical and regulatory considerations.

Is there potential for an intertie with North Bend, for either potable water or mitigation supply?

Due to the proximity of these systems, an intertie is potentially feasible. It is anticipated that water supply alternatives such as this will be evaluated as part of CIP M1 (Source of Supply Improvements – Study), which seeks to procure an additional source(s) of water supply for the City or to increase the capacity of existing sources.

Page 13 of the Water Quality Monitoring Plan has the box checked "Yes" for "We can activate an emergency intertie with an adjacent water system in an emergency", but no emergency intertie source is indicated anywhere else in the document.

This portion of the Water Quality Monitoring Plan has been revised, as the City does not have an emergency intertie with an adjacent system that can be used as a source of supply.

There's no reference in the document to the proposed Snoqualmie Mill project. Is this water already allocated? Is it accounted for in the planning documents? Are all three phases considered?

The population and employment growth projected for the Mill Site are included in Table 3-3, which is the basis for the water system demand projections utilized for the WSP capacity analysis and CIP.



RH2 has enclosed one electronic copy of the final WSP. If this submittal of information meets your needs for WSP approval, RH2 requests, on behalf of the City, that the WSP be forwarded to the King County Council for review and approval. If you have any questions, please contact me at (425) 951-5319 or via email at zschrempp@rh2.com.

Sincerely,

Zach Schrempp, PE

Project Engineer

ZS/mrc

Enclosures: City of Snoqualmie Water System Plan (one electronic copy)



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July XX, 2023

Mr. Matt Baerwalde
Environmental Policy Analyst
Snoqualmie Indian Tribe
PO Box 969
Snoqualmie, WA 98065

Sent via: Email

Subject: **City of Snoqualmie Water System Plan
Response to Comments**

Dear Mr. Baerwalde:

Thank you for your review comments on the City of Snoqualmie's (City) Water System Plan (WSP). In coordination with the City, RH2 Engineering, Inc. (RH2) has prepared the following responses to the review comments from the Snoqualmie Indian Tribe's e-mailed letter (received on September 20, 2021). Snoqualmie Indian Tribe comments are provided below in bold text, with RH2 responses in normal text.

Snoqualmie Indian Tribe Comment:

Regarding Irrigation

Concern: With irrigation representing 1.4% of the City's 2017 connections, but 22% of its 2017 consumption, there is clearly a responsibility for the City to reduce this over-representation for a largely optional consumptive connection class. According to Chart 4-4 of the WSP, irrigation demand has been continually increasing as well. What is not clear from the WSP is if the Class A reclaimed water discussed in Appendix F is a part of the reported irrigation demand in Chart 4-4, and/or the 22.4% of 2017 irrigation consumption. Overall, the WSP should be very careful and deliberate to distinguish "demand" from "consumption."

Recommendation: The Water System Plan update should describe how the City will vigorously pursue options to reduce irrigation demand. This may include installing more resilient landscaping, identifying appropriate measures for droughts, and investigating expansion of using reclaimed water for irrigation. A schedule for feasibility and implementation with associated benchmarks should be included as a component of this work.

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City/RH2 Response:

Thank you for your comments regarding irrigation use.

The City's WSP only addresses the potable water system; Class A reclaimed water production and use is evaluated in the City's Reclaimed Water Reuse Plan.

While the potable water system's peak monthly irrigation consumption occurred in August 2017 (as shown on Chart 4-4), Table 4-1 shows that annual irrigation consumption peaked in 2015 and was lower in 2016 and 2017, even as the number of irrigation connections increased.

As described in the City's Water Use Efficiency (WUE) Program (WSP Appendix F), the City is committed to use of reclaimed water for irrigation. The WUE Program also describes the extensive efforts the City has undertaken to analyze and audit irrigation use in the Snoqualmie Ridge area, including ongoing monthly monitoring. The City is also committed to providing customer education regarding efficient outdoor water use, as described in the WUE Program.

The City has also included a capital improvement program project to assist with achieving these goals. CIP M4, Water Use Efficiency Audit and Programming, as described in Chapter 9, includes plans to hire a consultant to develop and implement a robust city-wide water/irrigation conservation program.

The terms "consumption" and "demand", as utilized in the WSP, are defined in Chapter 1.

Snoqualmie Indian Tribe Comment:

Regarding Residential Use

Concern: With single-family residential connections representing 91.7% of the number of connections, and 56.1% of the City's consumption, this is another obvious area where targeted improvements are badly needed. Table ES-6 of the WSSP draft states that per capita residential demand is 86 gallons per day (gpd).

Recommendation: Relative to data reported from other locales within the Puget Sound region, this is an extremely high per capita rate, and should be improved through outreach, education, and potentially code revisions*. Recognizing the precious nature of water resources in the Snoqualmie Valley, the City of North Bend recently passed water conservation code, effective during times of drought. The City of Snoqualmie should consider such common-sense measures and plan for them in the WSP. Regrettably, the WSP does not account for changing future conditions as a result of climate change. Since our region is already suffering from the effects of climate change, including changes in environmental water supply and delivery patterns, the WSP should immediately begin resiliency and adaptation measures aimed toward reducing per capita consumption. At a minimum, this should be a newly adopted goal, and a detailed implementation outline which includes benchmarks and dates should be included for the next 10-year planning period, if not for a longer time horizon.

City/RH2 Response:

Thank you for your comments regarding residential use.

In evaluating the City's per-capita water use data versus other water systems, it is important to verify that the data is of the same format. While RH2 was unable to confirm the data presented by the Snoqualmie Indian Tribe from Mason PUD (approximately 50 gpd) and SPU (36.7 gpd), it appears that this may be per capita *single-family metered consumption*, whereas the City's residential per capita *demand* of 86 gpd reported in WSP Table 4-7 includes consumption and estimated distribution system leakage (DSL) for several customer classes (including residential, schools, hydrants, outside City connections [not including Snoqualmie Casino], as well as associated irrigation). Accordingly, it is not reasonable to directly compare these numbers. RH2 maintains an extensive database of system-wide per-capita demand data for Washington state water systems, and the City's system-wide per-capita demand appears to be below-average when compared to this dataset.

In response to Snoqualmie Indian Tribe and King County comments, a new section has been added at the end of Chapter 4 describing potential climate change impacts to the City's water system.

Snoqualmie Indian Tribe Comment:

Regarding Water Use Efficiency

Concern: The Water Use Efficiency measures described in Appendix F could be strongly improved. While reducing the maximum day demand/average day demand (MDD/ADD) peaking factor (which is likely abnormally high due to the City's overly high seasonal irrigation-related demands) will be important, the WSP does not explain how this will be accomplished. The City is missing opportunities here, as the Selected Supplemental Measures comprise a short list that seems unlikely to produce the stated desired results.

Recommendation: As mentioned above, the City should vigorously pursue resilient landscaping strategies across the City, including new and additional improvements at local golf courses, parks, and private residences. This should be backed up by a modern and well-supported multi-dimensional outreach program, which should go so far beyond the minimal and likely ineffective outreach measures stated in Appendix F.

City/RH2 Response:

Thank you for your comments regarding water use efficiency.

The City is committed to achieving its stated WUE goals through the measures described in the WUE Program and through CIP M4, Water Use Efficiency Audit and Programming. Reclaimed water use, customer education, and irrigation use analysis (including follow-up conservation measures if needed, as described in the WUE program), are examples of measures that will directly support achieving the City's goal of reducing the MDD/ADD peaking factor. As described in Chapter 9, CIP M4 includes plans to hire a consultant to develop and implement a robust city-wide water/irrigation conservation program. The Snoqualmie Indian Tribe's comments are valued and will be considered as the City continues to work towards more efficient use of water.

**Snoqualmie Indian Tribe Comment:****SEPA Checklist Additions Needed:**

- (1) The SEPA Checklist in Appendix E, Question 5b should be revised to include Endangered Species Act Threatened Status Puget Sound Chinook, Puget Sound Steelhead, and Bull Trout. The City's WSP directly affects water resources in the Snoqualmie River, which will affect these species.**
- (2) Section 13 of the Checklist should be revised to include, at a minimum, Snoqualmie Falls, a Traditional Cultural Property of the Snoqualmie Tribe as listed on the National Register of Historic Places, and the flows over which have been federally-protected as part of the religious practices of the Snoqualmie Tribe.**

City/RH2 Response:

Thank you for your comments on the SEPA checklist. The checklist has been revised to include references to threatened species present in the Snoqualmie River, a description of the Falls Traditional Cultural Property's National Register Status, and FERC hydropower license minimum flow limitations.

Once again, thank you for your review and comments on the City's WSP. If you have any questions, please contact me at (425) 951-5319 or via email at zschrempp@rh2.com.

Sincerely,

Zach Schrempp, PE
Project Engineer
ZS/mrc



Department Reports June 2023



Communications Division

Danna McCall, Communications Coordinator

38624 SE River Street, Snoqualmie, Washington 98065
(425) 996-5285 | www.snoqualmiewa.gov

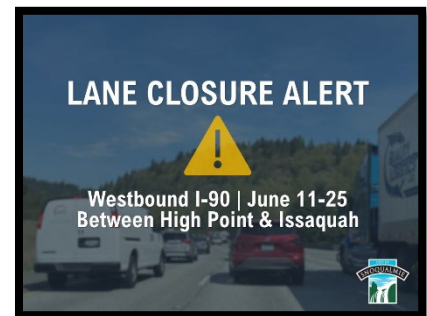
Social Media

- Facebook reach: 113k (2nd month with reach over 100k) 5881 followers (82 new). Facebook reach attributed to posts about 90/18 project and other road projects.
- Twitter - 3665 followers (11 new); 11.8k impressions.
- Instagram - 2.7K reach; 2626 followers (27 new).
- Top Posts: SR 18 aerial widening image, SR 18 widening lane closure news release, Meadowbrook Bridge closure news release.
- Continuing to create video content for social media.



Website

- Website users: 19k; website sessions: 25k; pageviews: 44.3k.
- Top website pages Twin Peaks, Snoqualmie Falls, Big Truck Day.
- Most clicked news releases: Long-term SR 18 Lane Closures and WB 90 Lane Closures.
- Police Blotter is 11th most visited page.



Engagement, Initiatives & Support

- Mayor: Echo Glen Meeting at City Hall.
- 4th of July Safety Video w/Interim Chief Bailey.
- Parks & Public Works: Snoqualmie Pkwy Rehab Project, Back in Parking downtown, Public Right of Way Transition Plan, Riverview Park Opening event.
- Fire/OEM: Opioid Education Class, Wildfire Safety, CPR Awareness Week, ongoing FD blotter.
- Police: Night Out event Save the Date, social coverage planning, ongoing PD blotter.
- Selection of community survey consultant.
- Coffee with Council: marketing and facilitation.
- Summer events marketing in full swing.





Community Development Department

Emily Arteche, Director
38624 SE River St. | P.O. Box 987
Snoqualmie, Washington 98065
(425) 888-5337 | earteche@snoqualmiewa.gov

June 2023

Building Permit Activity

Permit applications to the Community Development Department remain relatively low. Inspections are picking up as a number of homes are under construction in the recently-approved Snoqualmie Ridge II Plat 29/Cascade Pointe.

Building	June 2023	YTD
Permit Applications	63	270
Permits Issued	65	265
Total Inspections	66	456

Planning	June, 2023	YTD
Business Licenses	6	32
Pre Applications	1	4
Planning Application		
Sign Permits	0	2

Boards and Commissions:

The Planning Commission held the following meetings:

- June 5 – The Planning Commission discussed the recent state law requiring cities and counties to remove barriers to the construction of accessory dwelling units.
- June 20 – Matt Covert from LDC, the City's land use and housing consultant, presented to the Planning Commission about LDC's work on middle housing and the Commission's upcoming consideration of goals and policies of the land use element of the Comprehensive Plan. The Commission also heard a presentation about notable land use and housing-related legislation that was passed during the 2023 state legislative session.

The Economic Development Commission met on June 21 and substantially completed the Comprehensive Plan Economic Development Element discussion and work on policy review and updates.

The Arts Commission planned for summer programming: Chalk the Block on July 4, Plein Air Paint Out, on July 22, now its own event, not a part of Snoqualmie Days, and the Art Train, September 23, a new event.

Land Use Planning Projects:

Timber Trails (Plat 30): A hearing will be held in July 2023 before the city hearing examiner on the proposed preliminary plat to subdivide a parcel into 46 single-family residential (duplexes and townhomes) lots .

Model Train Museum/Park: City Staff met with representatives of model train on June 13, 2023 to determine next steps for moving the project forward. In December 2022 the Council authorized the Mayor to approve a Memorandum of Understanding, to develop a park/museum on City property which will showcase a model train. The proposed project includes a 20,000 square foot building, outdoor parking, community event space, a gift shop and other interactive features as well as an outdoor recreational park with picnic benches and other improvements.

The Rails: City Staff and consultants are reviewing a building permit from Tracy Hovinga for the vacant parcel, 784920-1430. The proposed project would construct a 3-story mixed use building including 11 apartments, approximately 2,000 square feet of retail/office space, and associated parking and other site improvements.

Snoqualmie Ridge Self-Storage: City Staff and consultants are reviewing a building permit for the expansion of Snoqualmie Ridge Self-Storage. The applicant proposes to expand the existing self-storage facility by constructing a new 3-story building with approximately 29,000 square feet of floor space to replace the existing RV storage area in the northwest corner of the property.

Crabb Commercial: City Staff is reviewing a building permit for a new commercial building on Railroad Avenue. The proposed development is a 2 story building, 2632 square feet.

Comprehensive Plan: Over 350 total public comments have been received from open houses, business roundtables, surveys. City staff conducted additional public outreach in June with Ridge Business Owners. The land use element was introduced at the June Planning Commission meeting.

Events, Engagement, Marketing and Tourism:

- On June 5, Nicole Wiebe, Community Liaison, David Goodman, Senior Planner, and Kelly Coughlin, SnoValley Chamber of Commerce, met with several Ridge merchants to discuss merchant collaboration and the Comprehensive Plan Economic Development Element.
- Big Truck Day was held on Thursday June 29, in partnership with Encompass. Participants included, King County, SVSD, SnoKing Areana (brought their Zamboni!), Northwest Train Museum, KCLS, Waste Management, Snoqualmie Inn, Snoqualmie Parks and Public Works, Fire and Police Departments. Attendance estimated at 800pp and every city on the Eastside, South King County, Snohomish County, and Seattle were represented by attendees.
- Attended Sno Valley Chamber of Commerce luncheon.

Special Event Permits: Eleven permits received, reviewed and/or approved. Busy season!



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June 2023

FINANCE

Enterprise Resource Planning System (ERP) Project – Tyler/Munis

The finance team continues to work on the soft go-live for the finance modules, including Tyler payments for merchant service transactions. The city will see value in this shift from 7 different merchant services to one and fully integrated with the cashiering module and general billing. The human resources team has continued to work on payroll and human resource modules setup.

2021 Audit & 2022 Financial Statements

Accounting staff submitted the 2022 financial statements to the State Auditor's Office by May 30, 2023. An audit of the 2022 financial statements is not expected to take place until Winter 2023. In addition, staff continue to work with the State Auditor's Office to complete the 2021 financial statement audit.

Staff Development

Various members of the finance team attended the Government Finance Officers Association (GFOA) conference during the month of May in Portland, OR. The conference offers resources and best practices that are directly related to governmental finance core services such as budgeting, debt management, etc.

Monthly Finance Metrics – Payments, Receipts & Licenses

Vendor Payments Processed – 250
Utility Billing Payments Processed – 5024
Payroll ACH Processed – 201
B&O Tax Returns Processed – 694
New Business Licenses Processed – 42
Renewal Business Licenses Processed – 19
Pet Licenses Processed – 0

HUMAN RESOURCES

Recruitment

The City continues to recruit for several critical positions across multiple departments, including but not limited to, the City Administrator role, police officers, and a number of key utility positions. Currently, 21 full-time equivalent employee (FTE) positions are vacant at the City equal to nearly 18% of total authorized positions. The City has recruited and hired 20 people since the start of the year.

Class & Compensation Study/Union Negotiations

Staff and Council continue to work on a compensation philosophy and implementation plan for non-represented employees. All Job descriptions are being collected and prepared for final reviews and updating. In addition, the Administration has been making substantive progress with Teamsters in reaching an agreement and has held initial conversations with the Snoqualmie Police Association (SPA).

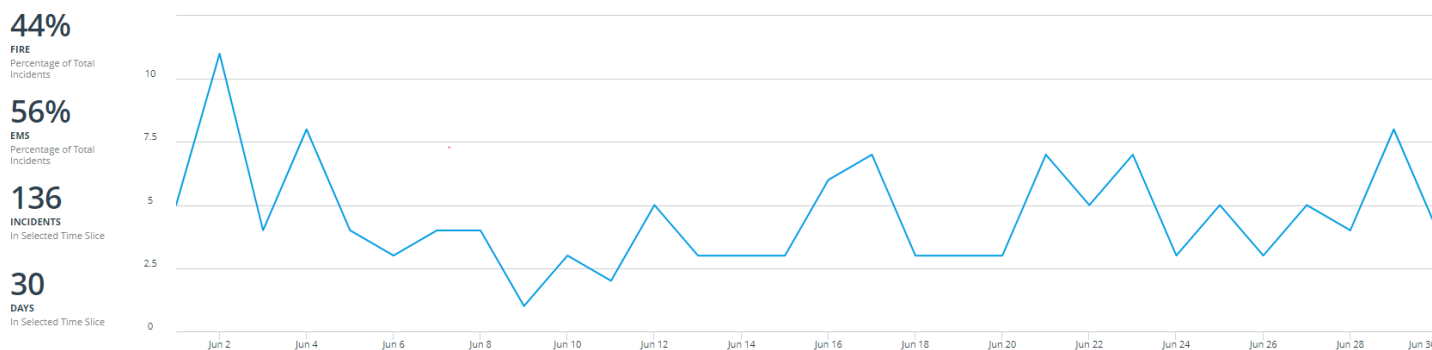


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June 2023

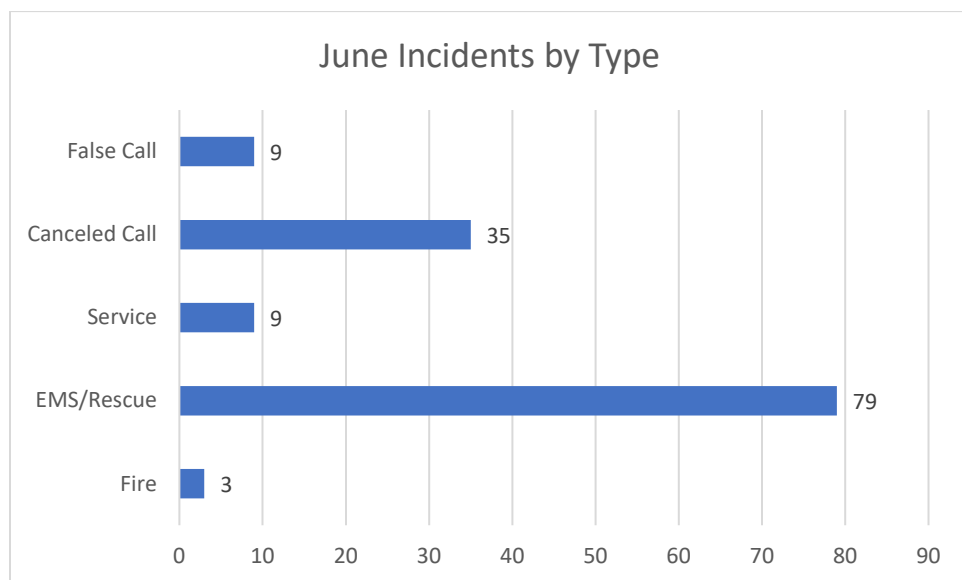
Incident Count (June)

The Fire Department responded to 136 incidents in June. 56% of the incidents were emergency medical services and 44% were fire related incidents. The following chart displays incident count per day.



Incident Count by Type:

The following is a count breakdown of incidents by type.



EMS Transports

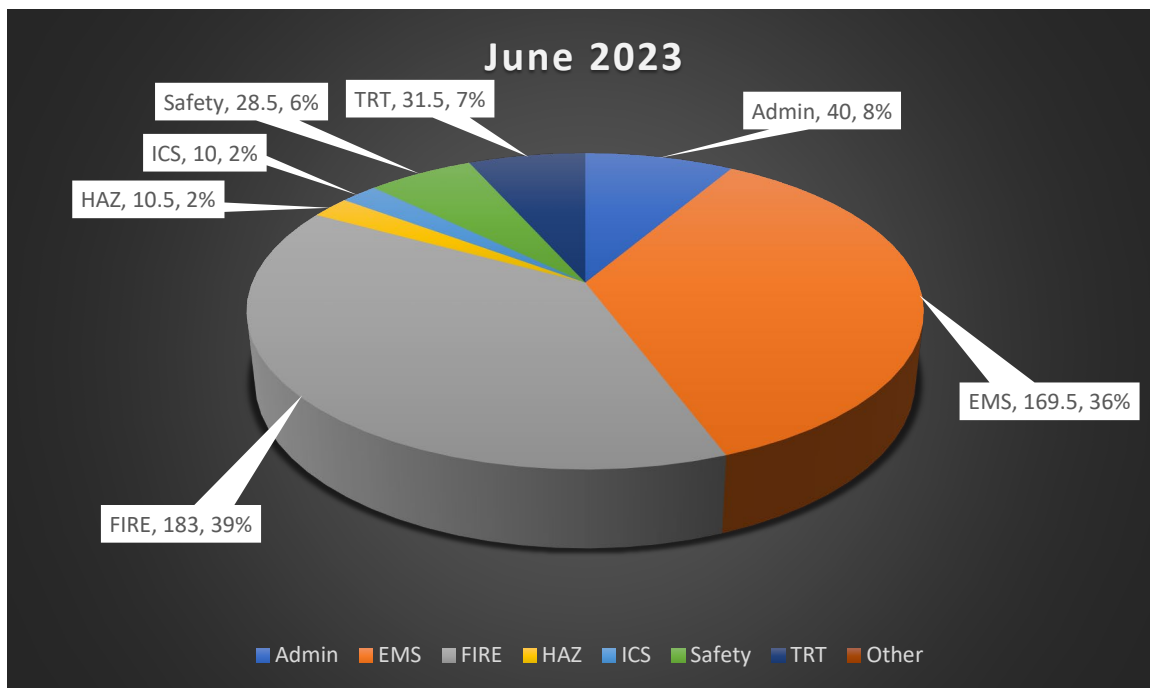
Item 10.

The Fire Department responded to 79 EMS incidents in June and transported 30 patients to local hospitals. Patients were transported to Swedish Issaquah 28% of the time and Snoqualmie Valley Hospital 68%.

Week Ending	6/4/23	6/11/23	6/18/23	6/25/23	7/2/23	Total
Harborview	1	-	-	-	-	1
Overlake Hospital	-	-	-	-	1	1
Snoqualmie Valley	3	1	4	7	5	20
Swedish / Issaquah	1	1	1	2	3	8
Total	5	2	5	9	9	30

Training:

Firefighters trained over 473 hours in June. The training covered all different categories with the majority being fire (39%). The following chart compares the training hours by type:



(Admin=Administrative; Haz=Hazmat; ICS=incident command systems; TRT=Technical Rescue Training)

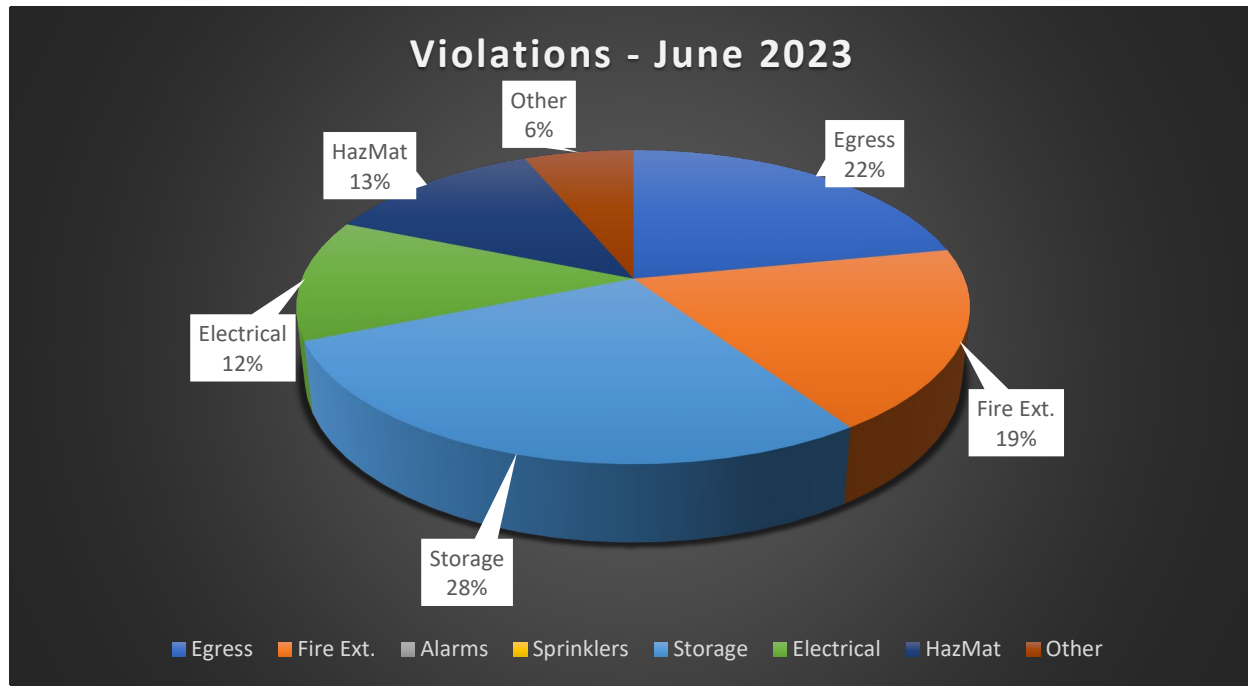
Training – Highlights/Major Topics:

- Acquired structure search and rescue drills.
- Quarterly Run-Review with Bellevue Fire Medic One
- Shared Staffing refresher training
- Two new volunteer members completing their initial onboarding training.

Community Risk Reduction

Inspections

Fire crews performed 27 fire and life safety occupancy inspections in June and found 32 violations. Additionally, the department began daily inspections of fireworks stands within the city. The following chart describes the violations found:



Public Education

June was a slightly busy month for public education and outreach with the following activities:

- CPR/AED Training at Mount Si High School – Approximately 200 students over 18 hours of training.
- Stop the Bleed training – 10 students, 2 hours.
- Overdose/Opioid Training – 20 students, 2 hours
- 2 – Station Tours, 15 kids, 2 hours.
- Big Truck Day



Staffing Levels
Water – 2 Vacancies
Wastewater – 2 Vacancies
Stormwater - 0 Vacancies
Parks – 2 Vacancies

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June Summary Parks & Public Works

Welcome to our busy season. The department is performing well despite the overwhelming workload in the months of April through August. The Parks & Streets Division is trying to get caught back up after their efforts to improve Riverview Park. Center street was neglected for a while, but it has been addressed in the last few days. They continue to support the sports programs and now are supporting special events. We have issued one JOC project in Railroad Park to improve the electrical systems to better support our holiday activities. The Streets division is busy supporting the paving projects that have begun and will be monitoring the major restriping project with King County this summer. King County will be restriping the majority of stop bars, crosswalks, and centerlines throughout the city. The Water Division is supporting the waterline replacement in the William's addition. Work goes well, unfortunately, we have had breaks of the old line as works has progressed. Our staff have been superstars, immediately mobilizing to restore service to our customers. Most of the work is completed, we are waiting for some components to arrive before the switchover to the new line in August. The Wastewater Division is doing well. They have completed their move to the solids handling facility opening some much-needed office space for the Parks & Public Works Department. Repairs tot the building will be occurring this month with the future relocation of a division to occur in August. We really appreciate the team spirit that the Wastewater Division has shown, change is never easy. Our Fleet and Facilities Division continues to support the city. Facilities is working on the building repairs at Wastewater, and Fleet continues to maintain our vehicles. Recently they helped support Big Truck Day. Our Stormwater and Urban Forestry Division is doing well. They will be beginning the major tree replacement project on Autumn Street and continue to work on our storm ponds. To date they have cleaned out 3.

Department of Corrections Crew Work for June 2023 * Note: DOC had 9 workdays this month*

Work completed at various sites:

- 1) Storm pond vegetation maintenance:
 - a. No vegetation maintenance this month.
- 2) Storm pond fence repair: 8 ½ ponds completed this month.
 - a. Split-rail fence repair at Swenson E3 Pond, completed 618 feet of fence to include:
 - i. Replaced 4 posts and 5 sections of rail, gate repaired, chain link stapled to rails.
 - b. Split-rail fence repair at Swenson E4 Pond, completed 740 feet of fence to include:
 - i. Replaced 5 posts and 6 sections of rail, chain-link stapled to rails.
 - c. Split-rail fence repair at Swenson E5 Pond, completed 503 feet of fence to include:
 - i. Replaced 6 posts and 5 sections of rail, replaced 20' of chain-link and stapled.
 - d. Split-rail fence repair at Swenson E6 Pond, completed 656 feet of fence to include:
 - i. Replaced 2 posts and 9 sections of rail, chain-link stapled to rails.
 - e. Split-rail fence repair at Swenson E7 Pond, completed 720 feet of fence to include:
 - i. Replaced 5 posts and 6 sections of rail, gate repaired, chain-link stapled to rails.
 - f. Split-rail fence repair at Swenson E8 Pond, completed 735 feet of fence to include:
 - i. Replaced 3 posts and reused existing rails, chain-link stapled to rails.
 - g. Split-rail fence repair at Swing Pond, completed 1110 feet of fence to include:
 - i. Replaced 6 posts and 9 sections of rail, gate post repaired, chain-link stapled.
 - h. Split-rail fence repair at Brinkley Pond, completed 965 feet of fence to include:
 - i. Replaced 4 posts and 8 sections of rail, chain-link stapled to rails.
 - i. Began Split-rail fence repair at Jacobia E2 Pond, completed 155 feet of fence to include:
 - i. Replaced 4 posts and 4 sections of rail.

- 3) Trail maintenance:
 - a. No trail maintenance this month.
- 4) Forest restoration:
 - a. Mulched 3,688 square feet at Mt. FEMA lot.
- 5) Park maintenance:
 - a. No park maintenance completed this month.
- 6) Work Area and Tool maintenance:
 - a. No work area/tool maintenance completed this month.



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June 2023

Calls for Service

	May 2023	June 2023	June 2022
Snoqualmie	729	617	578
North Bend	511	647	451

Average Response Times (in minutes & seconds)

June	Priority 1	Priority 2	Priority 3
Snoqualmie	2:45	6:17	8:01
North Bend	4:30	4:16	11:51
May			
Snoqualmie	3:38	5:20	12:10
North Bend	0:49	4:10	7:35

Priority 1: Weapons Offense

Priority 2: Calls that require immediate response that could result in death if not responded to.

Priority 3: High priority but not an immediate threat.

June	Thefts	Vehicle Prowls	Vehicle Thefts
Snoqualmie	7	2	2
North Bend	23	4	3
May	Thefts	Vehicle Prowls	Vehicle Thefts
Snoqualmie	9	9	1
North Bend	33	9	2

Year to Date Theft Comparison

June 1 - 30

Snoqualmie	2023	2022
Thefts	7	13
Vehicle Prowls	2	6
Vehicle Thefts	1	4

North Bend	2023	2022
Thefts	23	32
Vehicle Prowls	4	5
Vehicle Thefts	3	4

Crisis Intervention Contacts

June 1 - 30

	2023	2022
Snoqualmie	22	9
North Bend	1	2

Items of Importance

Command Staff – Captain Lynch appointed Interim Chief of Police.

Hiring – 5 openings – 1 officer recruit graduating from the academy July 27th, 1 officer recruit will start the academy July 11th, and 1 potential hire is in the background process.

Support Staff – Administrative Coordinator position vacancy – with associated transition efforts.

Mental Health Professional Contacts

June 1 - 30

	2023	2022
Snoqualmie	28	N/A
North Bend	17	N/A

Community Events

August 1 – National Night Out

Boeing Classic Golf Tournament – August 7 – 13