



**REGIONAL DISTRICT OF CENTRAL KOOTENAY**

**YMIR WATER COMMISSION OF MANAGEMENT  
OPEN MEETING AGENDA**

**10:00 am PST**  
**Monday, March 17, 2025**

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

**Join by Video:**

<https://rdck-bc-ca.zoom.us/j/92444285701?pwd=faVU8IDkN3k976eUkfM0ZumxzQTmMZ.1>

**Join by Phone:**

833 958 1164 Canada Toll-free

**Meeting ID:** 924 4428 5701

**Passcode:** 075829

**In-Person Location:** <sup>[1]</sup> RDCK Boardroom, 202 Lakeside Drive, Nelson

<sup>[2]</sup> Ymir Fire Hall, 7208 First Avenue, Ymir

**COMMISSION/COMMITTEE MEMBERS**

Director H. Cunningham	Electoral Area G
Commissioner Member T. Nixon	
Commissioner Member J. Leus	
Commissioner Member T. Kingsley	
Commissioner Member L. Hamnett	
Commissioner Member S. Mountford	

**MEMBERS ABSENT**

**STAFF**

Uli Wolf	General Manager of Environmental Services
Chris Gainham	Utility Services Manager
Emma Clark	Meeting Coordinator

\_\_\_ out of \_\_\_ voting Commission/Committee members were present – quorum was met.

**1. CALL TO ORDER**

Manager Gainham called the meeting to order at \_\_\_\_\_ a.m.

**2. ELECTION OF CHAIR**

**2.1. CALL FOR NOMINATIONS (3 Times)**

**2.2. OPPORTUNITY FOR CANDIDATES TO ADDRESS THE [COMMISSION/COMMITTEE]**

Two minutes per address.

**2.3. VOTE BY SECRET BALLOT**

**2.4. DECLARATION OF ELECTED OR ACCLAIMED CHAIR**

**2.5. DESTROY BALLOTS**

**Moved** and Seconded,  
And Resolved

That the ballots used in the election of the Ymir Water Commission of Management be destroyed.

**3. CHAIR'S ADDRESS**

**4. COMMENCEMENT OF REGULAR MEETING**

The Ymir Commission of Management Chair assumes the chair.

**4.1. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT**

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

**4.2. ADOPTION OF AGENDA**

**MOVED** and seconded,  
AND Resolved:

The Agenda for the March 17, 2025 Ymir Water Commission of Management meeting, be adopted as circulated.

**4.3. RECEIPT OF MINUTES**

The November 23, 2023 Ymir Water Commission of Management minutes, have been received.

**5. STAFF REPORTS**

**5.1. Staff Presentation - Capital Works, Operations and Maintenance Update and Ymir Infrastructure Asset Management Plan**

**6. 2025-2029 DRAFT FINANCIAL PLAN**

The 2025-2029 Financial Plan for Service S244 Water Utility-Area G (Ymir), has been received.

**7. PUBLIC TIME**

The Chair will call for questions from the public at \_\_\_\_\_ a.m.

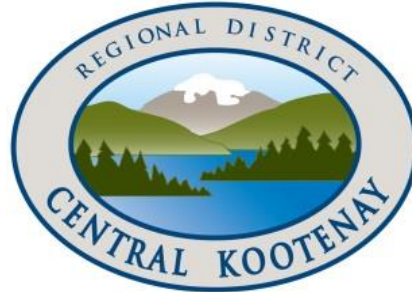
**8. NEXT MEETING**

The next Ymir Water Commission of Management meeting will be scheduled at the call of the Chair.

**9. ADJOURNMENT**

**MOVED** and seconded,  
AND Resolved:

The Ymir Water Commission of Management meeting be adjourned at \_\_\_\_\_ a.m.



**REGIONAL DISTRICT OF CENTRAL KOOTENAY**

**YMIR COMMISSION OF MANAGEMENT  
OPEN MEETING MINUTES**

A meeting of the Ymir Commission of Management was held at  
1:15 pm PST / 2:15 pm MST on Thursday, November 23, 2023 through a hybrid model

**Join by Video:**

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m2b22ede5aae389e01a2dea6aee171c87>

**Join by Meeting Number:**

**Meeting Number (access code):** 2774 978 7953

**Meeting Password:** hqNCDrpP445 (47623777 from phones)

**Join by Phone:**

+1-604-449-3026 Canada Toll (Vancouver)

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

**COMMISSION MEMBERS PRESENT**

Director Hans Cunningham, Electoral Area G (Chair)

Commissioner Thomas Nixon

Commissioner Jay Leus

Commissioner Theron Kingsley

**COMMITTEE MEMBERS ABSENT**

Commissioner Ernie Fidgeon

Commissioner Leslie Hamnett

**STAFF**

Uli Wolf, GM – Environmental Services

Jason McDiarmid, Utility Services Manager

**1. CALL TO ORDER & WELCOME**

Director Cunningham called the meeting to order at 1:15 pm PST.

**1.1 Traditional Lands Acknowledgement Statement**

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

**1.2 Adoption Of Agenda**

**MOVED** and seconded,  
AND Resolved:

The Agenda for the November 23, 2023 Ymir Commission of Management meeting, be adopted as circulated.

**Carried**

**1.3 Receipt Of Minutes**

The February 6, 2023 Ymir Commission of Management minutes, have been received.

**2. STAFF REPORTS**

**2.1 Operation and Maintenance/Capital Update**

- Replaced level sensor in creek intake.
- Intake dredged and cleaned.
- Annual flushing and valve exercising.
- Reservoir meter ordered and received, to be installed in spring 2024.
- Chlorine dosing pumps installed at beginning of year.
- Controls and SCADA upgrades contract awarded and in progress (to be completed this fall).

*Action Item: Staff to confirm that the control system has a UPS.*

**2.2 Quartz Creek Flow Monitoring**

- Agreement needs to be renewed with ATCO Wood Products for cost sharing.
- Failed level sensor replacement took a long time due to supply chain issues.
- Waiting for treatment plant control upgrade to start reporting again.
- Water quality testing has been ongoing.

**3. 2024-208 DRAFT FINANCIAL PLAN**

The 2024-2028 Financial Plan for Service S244 Water Utility-Area G (Ymir), has been received.

*Action Item: Proposed 2024 Utilities budget might be high.*

**MOVED** and seconded,  
AND Resolved:

That 6% Water User Fee increase and 5% Water Frontage Tax increase proposed for the 2024 Financial Plan for Service S244 Water Utility-Area G (Ymir) be supported by the Ymir Commission of Management.

**Carried**

**4. PUBLIC TIME**

The Chair called for questions from the public at 1:45 pm PST.

**5. NEXT MEETING**

The next Ymir Commission of Management meeting will be scheduled at the call of the Chair.

**6. ADJOURNMENT**

**MOVED** and seconded,  
AND Resolved:

The Ymir Commission of Management meeting be adjourned at 2:22 pm PST.

CERTIFIED CORRECT

*'Certified correct via email dated December 1, 2023'*

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Director H. Cunningham, 2023 Commission Chair



# WATER SYSTEM (S244)



**Presented by:** Chris Gainham- Utility Services Manager  
**Prepared for:** YMIR COMMISSION OF MANAGEMENT  
**Date:** MARCH 17, 2025



## Meeting Agenda

Capital Works and Operations/Maintenance Update

Ymir Water System Asset Management Overview

Draft 2025-2029 Financial Plan



Improved flow and system management

- Installation of an outflow meter (magnetic flow meter) on the 200 mm Ø C900 watermain downstream of the storage reservoir

Replacement of obsolete systems, improved communication, alarming, control, reliability

- System Control and Supervisory Control And Data Acquisition (SCADA) Upgrade – Replacement of Programmable Logic Controller (PLC), Human Machine Interface (HMI) and associated programming and integration into the plant control architecture

Replacement UV Units that are now nearing end of life. Treatment effectiveness and efficiency

- \*Future capital works in 2026 - UV Unit replacement



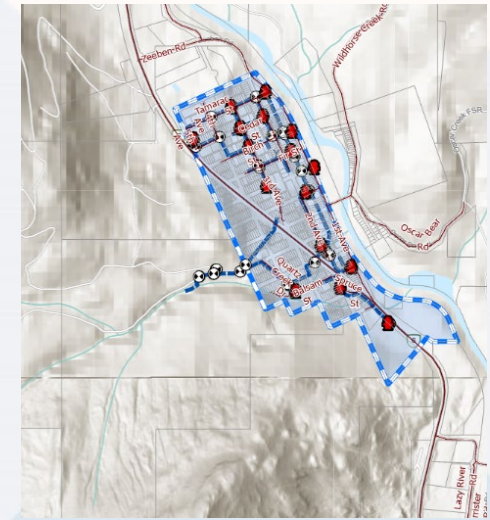
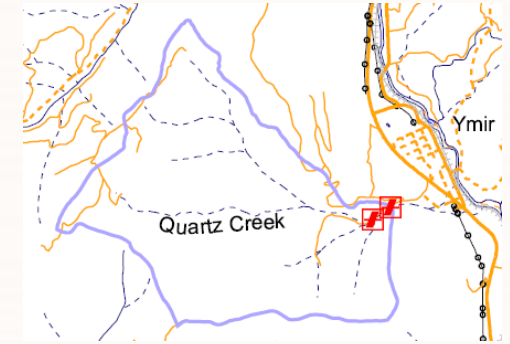


## Ymir Water System – Asset Management Planning

The Ymir Water System's Infrastructure Asset Management Plan focuses on the built infrastructure—pipelines, treatment facilities, and storage reservoirs—necessary to deliver safe and reliable drinking water to the community. However, the long-term sustainability of this system is directly linked to the health and resilience of its natural assets, particularly the watershed that serves as its source water.

The Natural Asset Management Planning Study expands this approach by recognizing the watershed as a critical asset that provides essential ecosystem services, such as water filtration, flow regulation, and source protection. By assessing the condition, risks, and management needs of the watershed, this study complements traditional infrastructure asset management by helping to ensure a stable, high-quality water supply at the source, reducing treatment costs, mitigating climate-related risks, and enhancing overall system resilience.

Together, these two plans create a holistic asset management approach, integrating both engineered and natural systems to help secure Ymir's water future.





## Ymir Water System – Asset Management Planning

Infrastructure Asset Management Planning Should Answer the Following Key Questions:

1. What Assets Do We Have? (Inventory & Scope)
2. What Is the Condition and Performance of Our Assets? (Condition & Risk Assessment)
3. What Do We Need to Do? (Levels of Service & Future Needs)
4. How Much Will It Cost & How Will We Fund It? (Financial Strategy)
5. How Will We Manage and Implement the Plan? (Governance & Decision-Making)





# Asset Inventory and Replacement Values

## Ymir Water System - Asset Inventory – All Assets

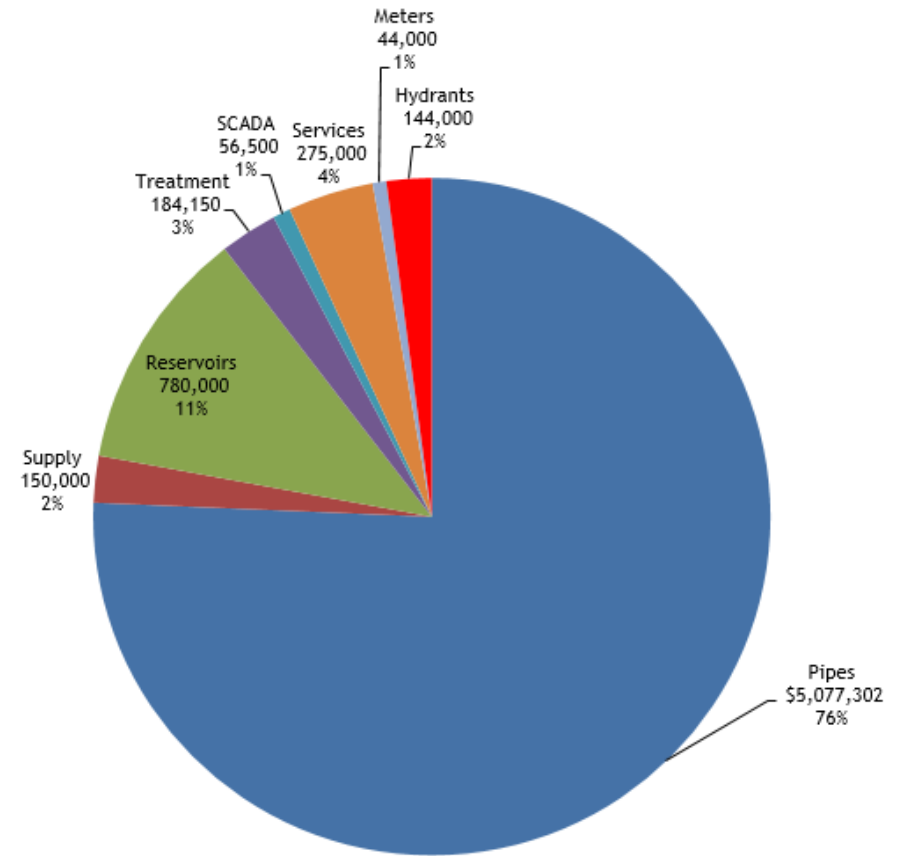
### ASSET INVENTORY

The Ymir water system includes the following key assets:

- a water treatment plant
- approximately 5.3 kilometres of pipe (not including service lines)
- approximately 110 service connections
- reservoir with a capacity of 617 m<sup>3</sup> – emergency and fire storage

Model Categories	Display Names			
	Asset Type	Estimated Value in \$2023	25 Yr Estimated CapEx	100 Yr Estimated CapEx
Pipes	Pipes	\$ 5,077,302	\$ 47,696	\$ 5,165,877
Supply	Supply	150,000	-	150,000
Storage	Reservoirs	780,000	-	1,560,000
Treatment	Treatment	184,150	197,800	848,050
SCADA	SCADA	56,500	114,500	345,000
Service	Services	275,000	275,000	550,000
Meter	Meters	44,000	88,000	220,000
Hydrant	Hydrants	144,000	135,000	288,000
		\$ 6,710,952	\$ 857,996	\$ 9,126,927

Figure 1: Ymir 2023 WATER Assets Replacement Value: \$6,710,952





# Vertical Assets

## Vertical Asset Inventory

Item ID	Asset Category	Asset Desc.	Notes	Qty	Unit Cost	In Service Year	Base ESL	Next Replacement Year	Model Replacement Value
20	Hydrant		State of System says 16/15 hydrants, database says 8	7	9,000.00	1975	50	2025	63,000
19	Hydrant			8	9,000.00	1985	50	2035	72,000
18	Hydrant			1	9,000.00	2010	50	2060	9,000
22	Meter			110	400.00	2024	20	2024	44,000
17	SCADA		not sure how this is currently being funned.	1	1,500.00	2009	10	2019	1,500
16	SCADA	PLC	PLC and everything within the PLC panel	1	55,000.00	2009	18	2027	55,000
21	Service			110	2,500.00	1975	50	2025	275,000
2	Storage	Epoxy coated bolted steel insulated reservoir	Brand: Tank Connection, Western Tank & Lining	1	780,000.00	2018	50	2068	780,000
1	Supply	Concrete Dam		1	150,000.00	1979	75	2054	150,000
5	Treatment	Cl2 dosing pumps	Omni dosing pumps	2	3,000.00	2009	15	2024	6,000
9	Treatment	turbidimeter	HF sci microtol 1000	2	2,500.00	2009	15	2024	5,000
10	Treatment	cl2 analyzer	ATI analyzer q46	2	4,500.00	2009	15	2024	9,000
11	Treatment	reservoir level transducer		1	1,200.00	2009	15	2024	1,200
12	Treatment	pressure transducers		7	350.00	2009	15	2024	2,450
13	Treatment	UV units	Currently Rio Can UV, would consider replacing a less expensive unit, exam	3	10,000.00	2009	15	2024	30,000
3	Treatment	Media filters	includes valve head and media	3	5,500.00	2009	20	2029	16,500
4	Treatment	cartridge housings	Harmsco filter housing 170 model	7	2,500.00	2009	20	2029	17,500
6	Treatment	booster pumps	boost w water from WTP to reservoir, includes VFDs	3	5,500.00	2009	20	2029	16,500
14	Treatment	building not including foundation		1	40,000.00	2009	25	2034	40,000
7	Treatment	electrical	Electrical service, panel, plugs...	1	10,000.00	2009	40	2049	10,000
8	Treatment	plumbing	All plumbing associated with the treatment process	1	10,000.00	2009	50	2059	10,000
15	Treatment	building foundation		1	20,000.00	2009	80	2089	20,000
<b>Total</b>	<b>22</b>				<b>1,131,450.00</b>				<b>1,633,650</b>



# Linear Assets

## Linear Asset Inventory

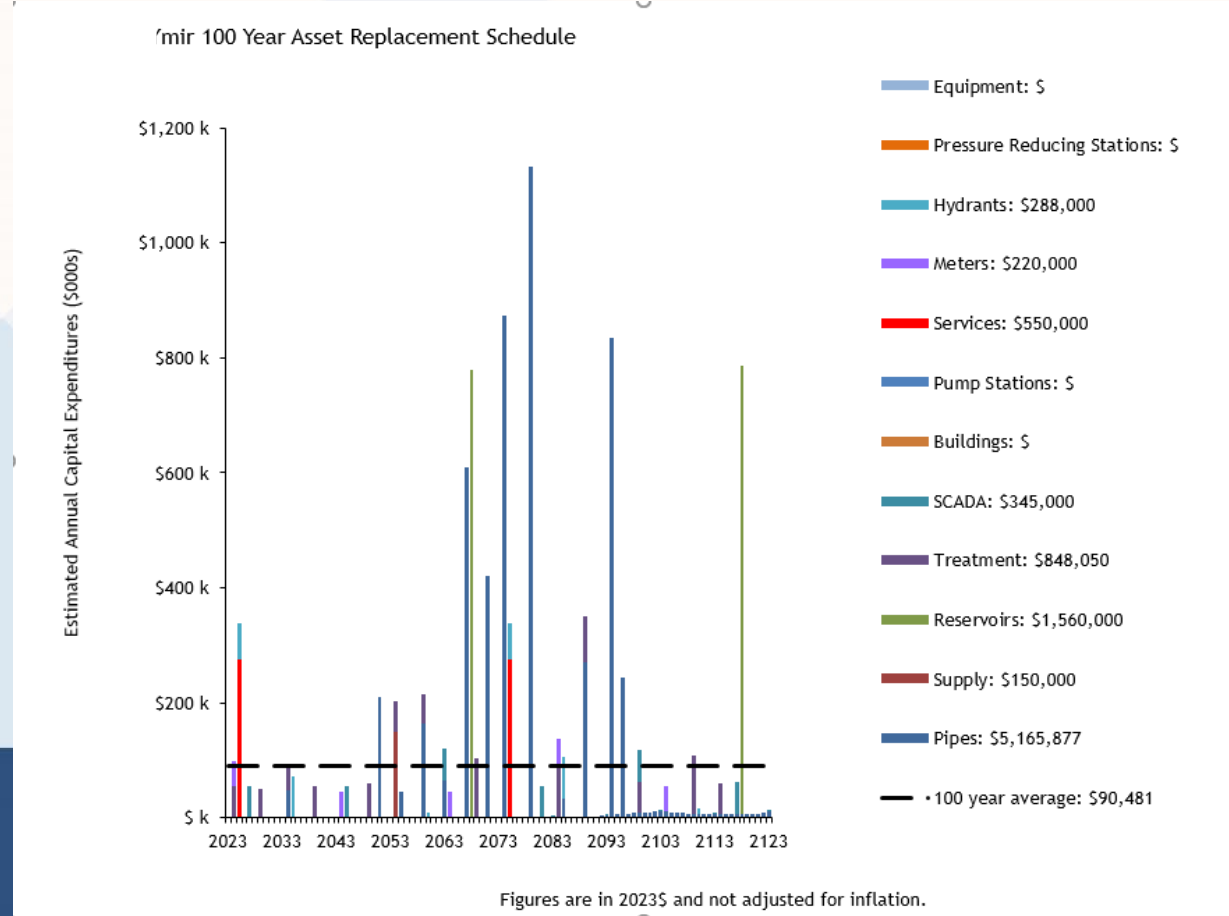
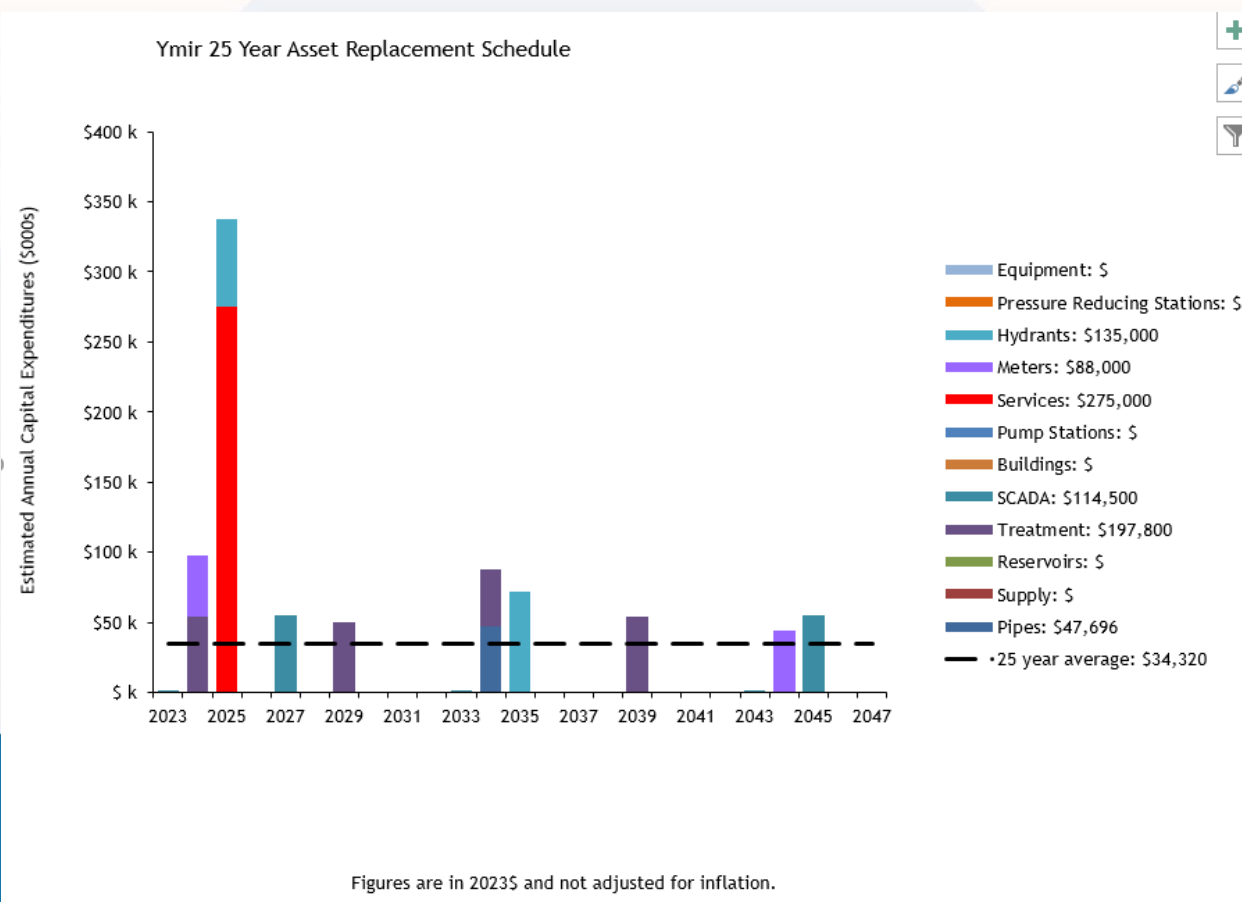
Item ID	Description	Qty	Type	Diameter	In Service	AGE+ESL	CLU	Flow	Pressure	FireFlow	Stream	BreakHst	InstalQual	InstalDepth	Number	Condition	Other	PoF	CoF	RiskF	Base	RBSL	RBSD	Model	SL	Next	Model
				Top	Year	L									Connection						ESI				Replacement	Year	Replacement
PN01	Supply line to Vmir	175.9	DI	200	1979	44%	Intr-Critical		40	100%	15	never	good	1.5	50	15	50	15	62	0%	100	100	2079	100	2079		180,496
PN02	To School	293.4	DI	25	1979	44%	Intr		40	0%	15	recently	good	1.5	0	30	0	30	41	0%	100	100	2079	100	2079		245,019
PN03	main line from reservoir to community	247.1	DI	200	1979	44%	Rur-Rural		40	100%	15	recently	good	1.5	50	30	50	30	36	0%	100	100	2079	100	2079		253,502
PN04	Toe on Quartz cr to the line and routh beside hwy 6	561.4	DI	100	1979	44%	Highway		100	50%	15	recently	good	1.5	10	45	20	45	56	-5%	100	95	2074	95	2074		526,629
PN05	Toe from Quartz cr under the highway to second ave	247.9	DI	200	1979	44%	Intr-Critical		100	100%	15	netrecently	good	1.5	50	32	50	32	67	-5%	100	95	2074	95	2074		254,333
PN06	Second ave routh to end on Balsam	174.0	PVC	150	1979	55%	Rur-Rural		100	100%	15	netrecently	good	1.5	5	32	10	32	24	10%	80	88	2067	88	2067		169,832
PN07		8.8	DI	200	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	50	32	50	32	41	0%	100	100	2079	100	2079		9,061
PN08	Main supply to sand to Cherry St	298.5	DI	200	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	10	32	20	32	30	0%	100	100	2079	100	2079		306,229
PN09	Through the swampy alley between 1st and 2nd	221.3	PVC	50	1979	55%	Rur-Rural		100	20%	15	recently	bad	1.5	10	70	20	70	31	-10%	80	72	2051	72	2051		209,076
PN10	pn09 and pn10 in a single line	49.9	PVC	50	1979	55%	Rur-Rural		100	20%	15	recently	bad	1.5	0	70	0	70	24	-5%	80	76	2055	76	2055		45,104
PN11	Cherry St through the alley to the park	90.5	DI	200	1979	44%	Intr-Critical		100	100%	15	netrecently	good	1.5	50	32	50	32	67	-5%	100	95	2074	95	2074		92,831
PN12	In the alley from park to Fir	91.8	PVC	200	1979	55%	Rur-Rural		100	100%	15	netrecently	good	1.5	50	32	50	32	41	0%	80	80	2059	80	2059		94,174
PN13		47.3	DI	150	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	10	32	20	32	28	10%	100	110	2089	110	2089		46,648
PN14	Second from Fir in front of the palace toward the park	82.6	PVC	50	1979	55%	Rur-Rural		100	20%	15	recently	good	1.5	5	45	10	45	27	10%	80	88	2067	88	2067		74,647
PN15	Up First	106.1	DI	150	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	115	2094	115	2094		103,524
PN16	Third ave from Fir routh to the hydrant end	87.5	DI	150	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	115	2094	115	2094		85,438
PN17	Fir from Third to the end	69.1	PVC	50	1979	55%	Rur-Rural		75	0%	15	netrecently	good	1.5	5	24	10	24	20	15%	80	92	2071	92	2071		62,435
PN18	Third from Fir to Birch	93.2	PVC	100	1979	55%	Rur-Rural		75	100%	15	netrecently	good	1.5	10	24	20	24	25	15%	80	92	2071	92	2071		87,464
PN19	SUPPLY MAIN	69.2	PVC	200	2008	19%	Ind		0	100%	15	netrecently	good	1.5	50	2	50	2	57	10%	80	88	2096	88	2096		71,028
PN20	Third from Cedar to Tamarac	91.5	PVC	100	1979	55%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	80	92	2071	92	2071		85,791
PN21	Should be the same line as pn23	13.2	PVC	100	1979	55%	Rur-Rural		75	100%	15	netrecently	good	1.5	0	24	0	24	18	15%	80	92	2071	92	2071		12,377
PN22	Up Cedar from Third to end	57.5	DI	38	1979	44%	Rur-Rural		75	0%	15	recently	bad	1.5	5	63	10	63	30	0%	100	100	2079	100	2079		52,017
PN23	Third from Cedar to Birch	77.3	PVC	100	1979	55%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	92	2071	92	2071		72,474
PN24	Birch cut	73.9	DI	150	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	115	2094	115	2094		72,150
PN24A	Alley between Second and Third from Birch routh	50.8	PLASTIC	100	1979	88%	Rur-Rural		75	0%	15	netrecently	good	1.5	5	29	10	29	32	10%	50	55	2034	55	2034		47,696
PN25		34.3	DI	150	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	50	24	50	24	36	10%	100	110	2089	110	2089		33,465
PN26	INTAKE MAIN	118.7	PVC	200	2008	19%	Ind		0	100%	0	netrecently	good	1.5	50	2	50	2	67	10%	80	88	2096	88	2096		121,770
PN27	Cedar from Second to Third	107.3	PVC	100	1979	55%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	80	92	2071	92	2071		100,657
PN28	Bypass line	90.8	DI	100	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	50	32	50	32	38	0%	100	100	2079	100	2079		85,194
PN29		108.7	DI	100	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	0	32	0	32	21	10%	100	110	2089	110	2089		101,924
PN30	Second from Birch to Cedar	92.2	DI	100	1979	44%	Rur-Rural		100	100%	15	netrecently	good	1.5	5	32	10	32	24	10%	100	110	2089	110	2089		86,484
PN31		63.1	PVC	100	1979	55%	Rur-Rural		100	100%	15	netrecently	good	1.5	5	32	10	32	24	10%	80	88	2067	88	2067		59,168
PN32	alley behind the bakery Fir to Birch	79.2	PVC	150	1979	55%	Rur-Rural		100	100%	15	netrecently	good	1.5	10	32	20	32	28	10%	80	88	2067	88	2067		77,331
PN33	Should be two separate lines split at HY15	243.9	PVC	100	1979	55%	Rur-Rural		100	100%	15	netrecently	good	1.5	10	32	20	32	28	10%	80	88	2067	88	2067		228,786
PN34	From Birch and Third to Fourth and Cedar	189.1	DI	150	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	115	2094	115	2094		184,522
PN35	Loop from Fourth and Cedar to Tamarac and Third	408.9	DI	100	1979	44%	Rur-Rural		75	100%	15	netrecently	good	1.5	5	24	10	24	22	15%	100	115	2094	115	2094		383,590
PN36	Dechlorination Line	15.9	PVC	100	2008	19%	Ind		0	0%	0	netrecently	good	1.5	0	2	0	2	57	10%	80	88	2096	88	2096		14,926
PN37		77.5	PVC	50	1979	55%	Rur-Rural		75	0%	15	recently	bad	1.5	5	63	10	63	30	0%	100	80	2059	80	2059		70,060
PN38	DECHLORINATION LINE	12.1	PVC	50	2008	19%	Ind		0	0%	0	netrecently	good	1.5	0	2	0	2	55	10%	80	88	2096	88	2096		10,962
PN39		19.4	PVC	100	2008	19%	Ind		0	100%	0	netrecently	good	1.5	50	2	50	2	64	10%	80	88	2096	88	2096		18,200
PN40		66.0	PVC	150	1975	60%	Rur-SF		100	100%	15	netrecently	good	1.5	0	32	0	32	21	10%	80	88	2063	88	2063		64,416
PN41		33.6	DI	150	1975	48%	Rur-SF		100	100%	15	netrecently	good	1.5	0	32	0	32	21	10%	100	110	2085	110	2085		32,794
PN42	Reservoir Line (PVC DR18)	91.7	C900	150	2018	6%	Intr-Critical		0	0%	0	netrecently	good	1.5	50	2	50	2	74	5%	80	84	2102	84	2102		89,499
PN43	Reservoir Line (PVC DR18)	26.3	C900	200	2018	6%	Intr-Critical		0	0%	0	netrecently	good	1.5	50	2	50	2	77	5%	80	84	2102	84	2102		26,984
PN45	Reservoir Line - Bypass line (PVC DR18)	1.6	C900	150	2018	6%	Rur-Rural		0	0%	0	netrecently	good	1.5	0	2	0	2	31	15%	80	92	2110	92	2110		1,562
PN46	Reservoir Line - Drain line (PVC DR18)	24.4	C900	200	2018	6%	Rur-Rural		0	0%	0	netrecently	good	1.5	0	2	0	2	33	15%	80	92	2110	92	2110		25,034
<b>Total</b>		<b>5295</b>																									<b>5,077,302</b>



# Sustainable Asset Management Planning

## Sustainable Asset Replacement and Renewal

- The graphs below illustrate the projected timing and annual average capital expenditures for major asset categories for both the 25 year and 100 year planning horizons







## Discussion

- Open Discussion and Questions ?

S244 Water Utility-Area G (Ymir)

2025 to 2029 Financial Plan

SYSTEM INFORMATION AND RATES

Active Accounts	
Service Charges % Increase	
YMR-COMMERCIAL- BUSINESS	
YMR-COMMERCIAL- HOTEL/MOTEL- BASE RATE	
YMR-COMMERCIAL- HOTEL/MOTEL- COFFEE SHOP	
YMR-COMMERCIAL- HOTEL/MOTEL- LOUNGE	
YMR-COMMERCIAL- HOTEL/MOTEL- LAUNDRY	
YMR-COMMERCIAL- HOTEL/MOTEL- PER ROOM	
YMR-COMMERCIAL- HOTEL/MOTEL- RESTAURANT	
YMR-COMMERCIAL-FOOD & BEVERAGE SERVICES	
YMR-COM-SHORT TERM ACCOMODATION BASE	
YMR-COM-SHORT TERM ACCOMODATION/ ROOM	
YMR-DWELLING- MULTI FAMILY- ADDITIONAL	
YMR-DWELLING-MULTI FAMILY FIRST DWELLING	
YMR-DWELLING-SINGLE FAMILY	
YMR-INSTITUTIONAL- RDCK FIRE HALL	
YMR-INSTITUTIONAL-COMMUNITY HALL	
Metered Rate	
Base Charge	
Metered Consumption	
Parcel Frontage Tax % Increase	
Parcels assessed frontage tax (In 2023 amounts range \$119.26 to \$596.31. One is \$59.63)	
Frontage tax parcel with zero dollar rate	
Parcels in water system but not assessed parcel tax	
Total	

No.	2024
109	
6%	
2	659
1	3160
	715
1	514
	3160
14	100
	715
1	991
1	659
9	100
1	659
1	659
102	659
1	0
1	0
	66
	2.69
No	5%
142	
7	
7	

2025	2026	2027	2028	2029
4%	4%	4%	4%	4%
686	713	742	771	802
3,286	3,418	3,555	3,697	3,845
744	773	804	837	870
534	556	578	601	625
3,286	3,417	3,554	3,696	3,844
104	109	113	118	122
743	773	804	836	869
1,030	1,071	1,114	1,159	1,205
686	713	742	771	802
104	109	113	118	122
686	713	742	771	802
686	713	742	771	802
686	713	742	771	802
0	0	0	0	0
0	0	0	0	0
68	71	74	77	80
2.79	2.90	3.02	3.14	3.27
5%	5%	3%	0%	0%

Account	2021	2022	2023	Average
41010				
41015	40,000	40,000	44,000	41,333
42020	454			454
42030	69,382	72,774	74,657	72,271
43030	0		2,600	1,300
43505	6,120	6,120	6,120	6,120
45000		11,297		11,297
49100	10,268	(3,776)	(5,153)	446
Revenue	126,223	126,415	122,224	133,222

2024 Budget	2024 YTD Actual	2024 Est Year End
46,200	46,200	46,200
77,537	79,102	79,102
11,213		13,813
6,935	6,935	6,935
25,097	0	9,615
10,964	29,940	29,940
177,946	162,177	185,605

2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
48,510	49,965	49,965	49,965	49,965
80,638	83,864	87,218	90,707	94,335
	70,000			
14,592	(0)	(0)	0	0
143,740	203,829	137,184	140,673	144,301

Account	2021	2022	2023	Average
51010	13,479	14,731	16,894	15,035
51010				
51020	996	0	65	354
51030	2,559	2,851	3,514	2,974
51030				
51050	60	0	0	20
51500	0	965	1,212	726
51565			126	126
52010	0	0	0	0
52030	443	400	250	364
53020	8	26	0	12
53030	854	890	964	903
53050	1,427	1,642	1,421	1,497
53080	430	209	302	313
54030	11,526	6,822	5,926	8,091
54040	0	0	0	0
55010	646	6,266	1,297	2,736
55020	10,024	9,813	2,716	7,518
55025	1,835	2,372	1,835	2,014
55030	56	0	0	19
55040	5,913	4,565	4,268	4,915
55060	64	64	64	64
Operating Expenses	50,318	51,615	40,853	47,680

2024 Budget	2024 YTD Actual	2024 Est Year End
16,333	21,452	28,603
2,000		0
499		0
3,732	5,680	7,573
520		0
		0
1,287	1,075	1,075
134		0
151		0
442	315	315
20		0
1,127	899	899
1,639	1,545	1,545
684	308	308
7,535	8,014	8,014
0		0
6,921	9,717	9,717
2,000		0
11,504	5,145	5,145
1,949	1,021	1,021
0	179	179
4,533	4,633	4,633
68		0
63,075	59,983	69,027

2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
16,496	16,941	17,280	17,626	17,978
2,000				
0		0	0	0
3,769	3,871	3,948	4,027	4,108
520				
0				
1,322	1,358	1,385	1,412	1,441
137	141	144	147	150
155	159	162	165	169
454	466	475	485	494
21	21	22	22	22
1,157	1,188	1,212	1,236	1,261
1,683	1,728	1,763	1,798	1,834
702	721	736	751	766
7,738	7,947	8,106	8,268	8,434
0		0	0	0
7,108	7,299	7,445	7,594	7,746
11,814	12,133	12,376	12,623	12,876
2,001	2,055	2,096	2,138	2,181
184	189	193	196	200
4,655	4,781	4,876	4,974	5,073
70	72	73	75	76
61,986	61,072	62,293	63,539	64,810

Account	2021	2022	2023	Average
60000			7,503	
60000				
60000			46,187	
Capital Expenses	0	0	62,151	0

2024 Budget	2024 YTD Actual	2024 Est Year End
12,497	6,331	6,331
23,813	17,097	17,097
36,310	23,428	23,428

2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
	70,000			
0	70,000	0	0	0

Account	2021	2022	2023	Average
59000	32,108	17,621	6,049	18,593
59500	5,438	10,847	4,116	6,800
59510	7,575	7,953	7,192	7,573
59520	4,750	4,810	5,516	5,025
59550	29,811	27,424	23,111	26,782
Non-Operating Expenses	79,682	68,655	45,984	64,774

2024 Budget	2024 YTD Actual	2024 Est Year End
22,404	22,401	22,401
9,559	0	9,559
7,938	7,938	7,938
4,870	4,870	4,870
33,790	33,790	33,790
78,561	68,999	78,558

2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
14,333	13,565	14,514	15,550	16,676
9,498	8,959	9,138	9,321	9,507
7,938	8,097	8,259	8,424	8,592
4,870	4,967	5,067	5,168	5,271
45,116	37,169	37,913	38,671	39,445
81,754	72,757	74,890	77,134	79,491

Total Service				
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(0)	9,767	14,592
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(0)	(0)	0	0	(0)
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Account	Work Order	2021	2022	2023	Average
59500	OPR329-100				
59500	OPR329-112	3,366	2,255	4,116	2,811
59500	OPR329-114				
59500	OPR329-117	2,072	8,592	0	5,332
Total Transfer to Other Service		5,438	10,847	4,116	8,143

2024 Budget	2024 YTD Actual	2024 Est Year End
2,634	2,634	2,634
0	0	0
6,925	6,925	6,925
9,559	9,559	9,559

2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
2,662	2,715	2,770	2,825	2,881
6,836	6,244	6,369	6,496	6,626
9,498	8,959	9,138	9,321	9,507

RESERVES	
Balance Previous Year	
Interest (Assumed 2%)	
Contribution	
Withdrawal	

2024
103,040
1,007
22,404
(25,097)
98,989

2025	2026	2027	2028	2029
98,989	115,302	61,173	76,910	93,998
1,980	2,306	1,223	1,538	1,880
14,333	13,565	14,514	15,550	16,676
0	(70,000)	0	0	0
115,302	61,173	76,910	93,998	112,554

2023 Asset Management Plan Identified Contribution to Reserves	
25 Year	\$34,320
100 Year	\$90,418