Town of Oliver
CANADA'S WINE CAPITAL

2027-2031 Proposed Capital Expenditures for Water & Sewer Services

Proposed 2027-2031 Rates

Agenda

- Review of 2026 Projects
  - Completed
  - Projected to Carry-forward into 2027
- Budget Principles
- 2027-2031 Sewer Capital Budget
- 2027 Sewer Operating Budget
- 2027-2031 Water Capital Budget
- 2027 Water Operating Budget
- Proposed Rate Increases and Impact on Reserves
- Local Rate Comparisons
- Timeline

Town of Oliver
CANADA'S WINE CAPITAL

BUDGET PRINCIPLES

- The cost of the water and sewer services should be borne by the users of the service and not subsidized by general property taxes
- The Town of Oliver has one water service which serves the needs of both domestic and non-domestic users.
- Rates should be set at a level to ensure adequate reserves for unanticipated expenses and grant cost-share opportunities
- Rates should be comparative to local communities and similarly sized municipalities
- Maintenance of service continuity and public safety should underlie proposed capital and operating expenditures in water and sewer services.

Project Ranking

PRIORITY MATRIX		The capital projects have been given a priority designation based on staff's understanding the underlying nature of the project in relation to several criteria, including risk, timing, and community interest.
Ranking	Assessment	Description
P1	Critical	Project is identified as critical in maintaining key infrastructure or delivering core services. Exclusion of this priority increases risk to the municipality in the near future, has a negative future cost impact, or both. Has been identified as necessary through AMIP processes.
P2	Vital	Project is vital in maintaining key infrastructure or delivering core services. Exclusion of this priority would increase risk to the municipality in the medium term (2 to 5 years).
P3	Essential	Project is essential part of key infrastructure and supporting the delivery of core services. Exclusion of this project would increase risk to the municipality in the long term (5 - 10 years).
P4	Conditional	Project may have one or more dependencies with another project; while on its own it may be fully discretionary but completing this project at this time represents future cost savings, an increase in value, or reduction of risk.
P5	Optimal	This project would help optimizing the infrastructure network and improving the effectiveness and efficiency of the core services.

Town of Oliver
CANADA'S WINE CAPITAL

2026 Water & Sewer Projects

Fund_Num	(Multiple Items)		
Class_Num	2		
ZERO FLAG			

Row Labels	Sum of 2026 YTD ACTUAL	Sum of 2026 BUDGET	Sum of VAR TO BUDGET
3-2-0003-000 - #98-SIMILKAMEEN AVENUE DESIGN	-	447,300	447,300
3-2-0004-000 - #99-MAIN STREET DESIGN	-	170,200	170,200
3-2-0005-000 - #153-UPGRADING DRUMSCREEN WASH LINES	16,312	-	-16,312
3-2-0006-000 - #136-STATION ST. COOP & SAWMILL	-	25,000	25,000
3-2-0008-000 - #71-TOPPING LAKE CLORINATION ELECT UPGD	500,589	500,000	-589
3-2-0009-000 - #130-NEW SCADA & PLC FOR ENTIRE SYSTEM	22,932	-	-22,932
3-2-0011-000 - #193-UPGRADE COMPACTER ROOM AND REPLACE	29,140	408,000	378,860
3-2-0012-000 - #194-HIGHLIFT UPGRADES	43,156	715,000	671,844
5-2-0004-000 - #111 - ROCKCLIFFE DOM PUMP STATION	64,069	-	-64,069
5-2-0006-000 - #98-SIMILKAMEEN DESIGN	-	519,575	519,575
5-2-0007-000 - #103-MAIN STREET DESIGN	-	335,150	335,150
5-2-0008-000 - #120-NEW MAIN LINE ISO VALVE_HESTER RD	7	-	-7
5-2-0010-005 - #149 - HESTER PUMPHOUSE NEW FLOW METER	27,003	-	-27,003
5-2-0010-006 - #123 - FAIRVIEW PUMPHOUSE NEW FLOW METER	682	10,000	9,318
5-2-0012-000 - #130 NEW SCADA & PLC's FOR ENTIRE SYSTEM	102,209	-	-102,209
5-2-0014-000 - #15-PORTABLE GENERATOR PROJECT	60,312	-	-60,312
5-2-0016-000 - #136-STATION ST. - FAIRVIEW TO COOP	22,219	25,000	2,781
5-2-0018-000 - #163-GARP PUMPHOUSE FIXES	12,712	30,000	17,288
5-2-0021-000 - #134-ROCKCLIFFE IRRIGATION	148,200	1,100,000	951,800
5-2-0022-000 - #212-WELL DECOMISSIONING PLAN	-	30,000	30,000
5-2-0023-000 - #192-HESTER CREEK PIPING	251,377	250,000	-1,377
5-2-0108-000 - #58 WATER METER REPLACEMENTS	131,475	150,000	18,525
Grand Total	**1,432,393**	**4,715,225**	**3,282,832**

All projects to be completd by year-end.

Town of Oliver
CANADA'S WINE CAPITAL

2027-2031 Sewer Projects

FUND	Sewer								
Sum of Total i				Column Labels					
Row Labels	PROJECT NAME	Priority	FUNDING	2027	2028	2029	2030	2031	Grand Total
29	Vehicle Bridge Deck Approaches and Piping Design	P1	Sewer	20					20
68	50 kW Photovoltaic System - Equalization Ponds	P5	Grant				380		380
98	S3-Similkameen Avenue	P1	Grant	800					800
99	W8-Main Street Veterans to School	P1	Grant	285					285
108	Okanagan St - Similkameen to Skagit Design	P3	SC					20	20
114	S2-Sanitary Main Hillside to Veterans	P1	Grant		350				350
	S2-Sanitary Main Hillside to Veterans Design	P1	SC		45				45
115	S9-Sanitary Main Fir to Influent Lift station	P2	SC				300		300
	S9-Sanitary Main Fir to Influent Lift station Design	P2	SC			20			20
125	Reclaim Watermain investigation/testing	P2	SC		150				150
	Reclaim Watermain Design	P2	SC			75			75
130	New Scada & PLC's for entire system	P1	SC	125	125				250
137	Okanagan St - Co-op to Haven	P3	Grant					200	200
	Okanagan St - Co-op to Haven Design	P3	SC				35		35
142	New Scada Computers	P3	SC				10		10
151	Influent Lifstation Elec. Upgrades	P1	SC		500				500
152	Scott Rd Lifstation Upgrades c/w new boots and bypass	P1	SC		350				350
167	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement Design	P1	SC	50					50
	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement	P1	Grant		900				900
194	Highlift Upgrades	P1	SC	500					500
226	School Ave Reconstruction - HWY 97 to Gala	P1	CWF	20					20
233	Sawmill Road Extension and South Station Street Upgrades - Fa	P2	Grant	400					400
234	Airport Irrigation Main Replacement	P2	Grant				300		300
236	Spare pump Rotary Lift Station	P1	SC		50				50
237	Point Repairs for Sanitary System	P1	SC	75					75
245	Sanitary Relining	P1	SC	315					315
246	Skagit Avenue Design	P2	SC			20			20
	Skagit Avenue	P2	SC				41		41
Grand Total				2,590	2,470	115	1,066	220	6,461

2027 Sewer Projects

FUND	Sewer
Priority	P1

Sum of Total including 2027 carryforward			Column Labels		
Row Labels	PROJECT NAME	FUNDING	2027	2028	Grand Total
29	Vehicle Bridge Deck Approaches and Piping Design	Sewer	20		20
98	S3-Similkameen Avenue	Grant	800		800
99	W8-Main Street Veterans to School	Grant	285		285
114	S2-Sanitary Main Hillside to Veterans	Grant		350	350
	S2-Sanitary Main Hillside to Veterans Design	SC		45	45
130	New Scada & PLC's for entire system	SC	125	125	250
151	Influent Lifstation Elec. Upgrades	SC		500	500
152	Scott Rd Lifstation Upgrades c/w new boots and bypass	SC		350	350
167	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement Design	SC	50		50
	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement	Grant		900	900
194	Highlift Upgrades	SC	500		500
226	School Ave Reconstruction - HWY 97 to Gala	CWF	20		20
236	Spare pump Rotary Lift Station	SC		50	50
237	Point Repairs for Sanitary System	SC	75		75
245	Sanitary Relining	SC	315		315
Grand Total			2,190	2,320	4,510

Total Proposed 2027 Capital spending $2,590,000

Risk to service continuity that two 2027 P1 projects are dependant on grant funding to move forward.

FUND	Sewer					
Sum of 27-36	Column Lab					
Row Labels	2027	2028	2029	2030	2031	Grand Total
CWF	20					20
Grant	1,485	1,250		680	200	3,615
SC	1,065	1,220	115	386	20	2,806
Sewer	20					20
Grand Total	2,590	2,470	115	1,066	220	6,461
% From Reserves	41%	49%	100%	36%	9%	43%

#29 – Vehicle Bridge Approach

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Vehicle Bridge Approach Reconstruction

Total	$ 1,480,000

Bridge approach road structure improvements

In July of 2020, Watson Engineering provided the Town of Oliver with an Inspection Report detailing the current condition of the bridge and making recommendations for rehabilitation of deficiencies. The report recommended rebuilding the approach roadways to address uneven road surfaces and rutting in the asphalt. Core samples were completed in Nov 2021 suggested that the cause of the rutting at this time may be partially related to the underlying subgrade.

	$ 50,000.00	design
General	$ 1,000,000.00	

Bridge approach water infrastructure improvements

The 1961 AC watermains runs West to East over the bridge, the watermain was installed in 1961 as AC watermain and it exeeds its' life expectancy.

	$ 20,000.00	design
Water	$ 180,000.00	

Bridge approach sanitaryinfrastructure improvements

The 1965 AC sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

	$ 20,000.00	design
Sewer	$ 300,000.00	

#98 – Similkameen Ave.

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Total $ 2,754,000

Similkameen Ave.-mill/pave & Overlay

Similkameen Ave is poor condition and requires full road structure reconstruction. Multiple areas od Similkameen were constructed at different time periods, with different pavement structures.

$1,345,000.00

Similkameen Ave. Drainage Upgrades

The existing drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

Similkameen Ave. Water Upgrades

The 1961 AC water infrastructure well exceeds its' life expectancy.

$609,000.00

Similkameen Ave. Sewer Upgrades

The Sanitary sewer that runs along Similkameen and forms a bottle neck according to the Sanitary Capital Plan from 2019. The 1967 AC Sanitary sewer infrastructure exceeds its' life expectancy.

$800,000.00

#99 Main Street

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Main St.-mill/pave & Overlay

Main Street between School Avenue and Veterans Avenue requires full road reconstruction due to new underground infrastructure, according to MOTI road structure requirements.

design	$25,000.00	
	$3,000,000.00	

Main St. Drainage Upgrades

The 1964 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

Main St. Water Upgrades

This project is driven by need for redundancy for the water main reservoir feed lines, to replace the existing watermains, the water main was installed in 1955 as AC watermain

	$30,000.00	design
Water	$485,000.00	

Main St. Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. Inspections from 2016, 2017, 2024 and 2025 indicated the sanitary sewer main has multiple issues and is in deteriorating. Multiple repairs are required unless relining is completed prior to future deterioration.

	$20,000.00	design
Sewer	$265,000.00	

#130-New Scada & PLC

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

New Scada and PLC upgrade for entire system water and sewer. They do not make parts anymore for our scada communication system. Continuous problems with Scada software not getting proper data

Water	**$**	**175,000**	per year to 2029
Sewer	**$**	**125,000**	per year until 2028

#167-Fairview to Sawmill – Sewer Replacement Design

PRIORITY	P1	Year	Design
ASSESSMENT	Critical	2028	2027

S1 - Fariview to Sawmill Rd. Sanitary Main

This sanitary main is a very critical connection in the sanitry collection network, the 300mm clay pipe has passed it's anticipated useful life. This sanitary main is a transmission main that services approximately 1/2 of the sanitary sewer effluent.

	General	Design	$ 5,000
	Sewer	Design	$ 50,000
General	Construction		$ 900,000
Sewer	Construction		$ 60,000

TRUE

Project: S1 – Fairview to Sawmill Road

Priority: 1 **Type:** Replacement/Upgrade
Trigger: Future Development **DCC:** 75%

Location Map



Issue

This main is a very critical connection in the sanitary collection network, and services a corridor of future development. The 300 mm VCT pipe has surpassed its anticipated useful life.

Scope

Removal of approximately 315m of 300 mm VCT. Installation 315m of 600 mm PVC including reconnection of all existing services. New connections for future development are required.

DCC Justification

This project increases the capacity of the system for long term growth. DCC portion will be determined based on the change in cross sectional area of the upgrade:

$$DCC\ \% = 1 - \frac{\left(\frac{\pi(D_1)^2}{4}\right)}{\left(\frac{\pi(D_2)^2}{4}\right)} = 1 - \left(\frac{D_1}{D_2}\right)^2 = 1 - \left(\frac{0.3}{0.6}\right)^2 = 75\%$$

Time Frame

1-3 years

#194-Highlift Upgrades – Continued from 2026

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Highlift Upgrades

Highlift electrical upgrade for service, MCC, electrical,motors, flow meter, internal piping, bypass installed outside.

$ 500,000

#226-School Avenue Reconstruction

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

School Avenue Surface Reconstruction

This major road reconstruction project will replace the existing roadway structure along three blocks of School Avenue, connecting it to the newer upper section of the same street. The work includes installation of new curb and gutter, sidewalks, and significant utility upgrades: 17 new water services, 2 fire hydrants, 1 sewer service, and 2 water main crossings at Okanagan Street and Kootenay Street.

School Avenue is classified as a minor collector road and serves as a key corridor for both the high school and elementary school. Currently, it is one of the most deteriorated paved roads in town, making this project critical for improving safety, accessibility, and infrastructure reliability.

General	$	1,140,000
Water	$	220,000
Sewer	$	20,000

#237-Point Repairs for Sanitary System

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PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Point Repairs for Sanitary Sewer

Point repairs for Sanitary Sewer, specific sanitary main locations: Main Street, Co-op Avenue, Eastside Avenue, and lane between Gala and Okanagan St

$ 75,000

Point Repair Locations

Point repair estimate package - Oliver sewer CCTV inspection, September 2026

Prepared 2026-10-02

12 point repair locations on 5 pipe segments - every hole, grade 4 surface damage and crack
that is not at a service connection. Locations that need a top hat or separate pricing are on the
Repairs list. Each location is listed below with the defect, its position along the pipe, and the p
the inspection camera.

Price per point repair: $7,000

Each point repair price includes:

- Pre-cleaning of the line as needed
- Bypass of the flow on the line for the repair
- UV cured-in-place liner
- Post-repair camera inspection showing the new repaired section

Point Repair Locations

Point repair estimate package - Oliver sewer CCTV inspection, September 2026

Prepared 2026-10-02

12 point repair locations on 5 pipe segments - every hole, grade 4 surface damage and crack in the inspection that is not at a service connection. Locations that need a top hat or separate pricing are on the separate Optional Repairs list. Each location is listed below with the defect, its position along the pipe, and the photos taken there by the inspection camera.

Price per point repair: $7,000

Each point repair price includes:

- Pre-cleaning of the line as needed
- Bypass of the flow on the line for the repair
- UV cured-in-place liner
- Post-repair camera inspection showing the new repaired section

Total for 12 point repairs (150-200 mm sewer): $84,000

Notes for estimating

- Pipe at these locations: 4 x AC 200 mm, 4 x AC 150 mm, 2 x VCP 200 mm, 2 x VCP 150 mm.
- Grade is the NASSCO PACP structural grade of each defect (5 = most severe). Holes are grade 5 and surface damage grade 4. Cracks are coded grade 1-3 by the PACP standard, but are included as point repairs.
- Joint offsets and separations (grade 3) are not included; 103rd St (S478 → S452) has 12 of them along its length. The 900 mm steel culvert on Sawmill Rd (11 → 145) is not included in either list - it will be priced separately.
- Each distance is measured along the pipe from the manhole where the camera started, which is named beside it. Shot upstream (measured from the second-named manhole): S465 → S466. The distance from the other manhole is shown on each location page.
- S378 → S379: This pipe was inspected three times on 2026-09-22. The 2:22 pm pass (lowest water, most complete) is used here. The 8:44 am pass also recorded holes at 0.4 m and 59.3 m, and coded the mid-line defect at 12.0 m as surface damage (grade 4).
- No GPS points are recorded for this project, so each repair is located by its distance from the manhole. Confirm every location with a pipe locate before excavating.
- Video of each inspection is available on request; the time shown beside each photo is where the defect appears in the video.

Summary

#	Street	Pipe (from → to)	Defect	Grade	Distance	Price
1	Park Dr	S378 → S379	Hole Soil Visible from 9 o'clock to 3 o'clock (HSV)	Struct 5	0.4 m from S378	$7,000
2	Park Dr	S378 → S379	Crack Longitudinal at 4 o'clock (CL)	Struct 2	12.0 m from S378	$7,000
3	Park Dr	S378 → S379	Hole Void Visible from 3 o'clock to 9 o'clock (HVV)	Struct 5	57.9 m from S378	$7,000
4	Park Dr	S378 → S379	Hole Soil Visible from 9 o'clock to 3 o'clock (HSV)	Struct 5	59.1 m from S378	$7,000
5	Mckinney Rd	S363 → S349	Surface Damage Aggregate Missing at 5 o'clock (SAM)	Struct 4	0.1 m from S363	$7,000
6	Mckinney Rd	S363 → S349	Surface Damage Aggregate Missing at 1 o'clock (SAM)	Struct 4	8.5 m from S363	$7,000
7	Mckinney Rd	S363 → S349	Hole Void Visible at 2 o'clock (HVV)	Struct 5	33.0 m from S363	$7,000
8	Mckinney Rd	S363 → S349	Surface Damage Aggregate Missing from 11 o'clock to 1 o'clock (SAM)	Struct 4	45.6 m from S363	$7,000
9	Mckinney Rd	S465 → S466	Crack Longitudinal at 1 o'clock (CL)	Struct 2	67.6 m from	$7,000

#245-Sanitary Relining

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Sanitary Relining

Relining sanitary mains on Okanagan River Crossing, McKinney Road and Badger Street. The areas were identified in the CCTV 2016 and 2018 CCTV project and sanitary capital plan from 2019, Project: P6 - McKinney Road (Coyotes to Park) and Project: P7 - River Crossing at Fairview Road. The sanitary main that crosses the Okanagan River was inspected again in 2026 and it had multiple issues identified, including a section of sanitary main that has a fracture over the Okanagan River. Only 77m out of the 285m of sanitary main on McKinney Road was identified in the quote to be relined, based on investigations in 2026. Relining ROW behind Earle Cres between Bing to Hillside, sanitary collection network is in backyards. All prices based off of quote from 2026.

Okanagan River Crossing (61m)=	$27,000.00			
Bing to HIllside problem areas (185m)=	$64,750.00			
McKinney problem areas identified in sanitary capital plan (285m)=	$99,750.00			
McKinney problem areas not identified in Sanitary Capital (135m)=	$47,250.00			
Badger Street problem areas (78m)=	$27,000.00			
Mobilization and demobilization (Lump Sum)	$18,500.00			
Service reinstatements (15 each)	$18,000.00			
Pre-inspection CCTV (Lump Sum)	$10,000.00	total =	$312,250.00	
			$	**315,000**

2027 Sewer Operating Budget

Town of Oliver
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Sewer Operating Fund

Revenue	Proposed Rate Increase		7%		7%		6%		5%		5%	
GL Description	2026 YTD Actuals	2026 Budget	2027 Draft Budget	% of Total Revenue	2028 Plan	% of Total Revenue	2029 Plan	% of Total Revenue	2030 Plan	% of Total Revenue	2031 Plan	% of Total Revenue
SEWER USER CHARGE - PER UNIT	(1,183,351)	-1,559,228	-1,516,718	74.79%	-1,622,854	74.87%	-1,720,265	74.92%	-1,806,239	74.97%	-1,896,566	75.01%
SEWER USER CHARGE - METERED	(24,693)	-27,782	-27,025	1.33%	-28,916	1.33%	-30,651	1.33%	-32,184	1.34%	-33,793	1.34%
SANI DUMP FEES	(2,889)	-6,624	-6,915	0.34%	-6,915	0.32%	-6,915	0.30%	-6,915	0.29%	-6,915	0.27%
SEWER -MISC REVENUES	-	-92	-322	0.02%	-200	0.01%	-200	0.01%	-200	0.01%	-200	0.01%
CONNECTION	-	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
EFFLUENT IRRIGATION REVENUES	(25,719)	-17,560	-25,018	1.23%	-26,769	1.23%	-28,375	1.24%	-29,793	1.24%	-31,282	1.24%
Total Sale of Service	**-1,236,652**	**-1,611,286**	**-1,575,998**	77.72%	**-1,685,654**	77.76%	**-1,786,406**	77.80%	**-1,875,331**	77.83%	**-1,968,756**	77.86%
RETURN ON INVESTMENTS - SEWER	-	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
PENALTIES ON UNPAID SEWER	(13,847)	-13,526	-13,898	0.69%	-13,898	0.64%	-13,898	0.61%	-13,898	0.58%	-13,898	0.55%
LEASES - GOLF COURSE & AIRPORT FORAGE	-	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
OIB EMERGENCY SEWER RETAINER FEE	(8,080)	-7,369	-7,343	0.36%	-7,343	0.34%	-7,343	0.32%	-7,343	0.30%	-7,343	0.29%
O.B.W.B. GRANT - ROCKCLIFFE	-	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
O.B.W.B. GRANT - AERATION LAGOON	-	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Other Revenue	**-21,927**	**-20,895**	**-21,241**	1.05%	**-21,241**	0.98%	**-21,241**	0.93%	**-21,241**	0.88%	**-21,241**	0.84%
SEWER PARCEL TAX	(446,650)	-442,693	-430,619	21.24%	-460,756	21.26%	-488,404	21.27%	-512,834	21.28%	-538,485	21.30%
Total Parcel Taxes	**-446,650**	**-442,693**	**-430,619**	21.24%	**-460,756**	21.26%	**-488,404**	21.27%	**-512,834**	21.28%	**-538,485**	21.30%
TOTAL REVENUE	**-1,705,229**	**-2,074,874**	**-2,027,858**	100.00%	**-2,167,651**	100.00%	**-2,296,051**	100.00%	**-2,409,406**	100.00%	**-2,528,482**	100.00%
Expenses												
Total Administration	247,846	440,079	447,201	34.53%	460,617	34.53%	474,436	34.53%	488,669	34.53%	503,329	34.53%
Total Operations	63,279	79,609	79,707	6.15%	82,098	6.15%	84,561	6.15%	87,098	6.15%	89,711	6.15%
Total Collection	122,428	290,192	288,005	22.24%	296,645	22.24%	305,544	22.24%	314,710	22.24%	324,151	22.24%
Total Treatment Disposal	376,600	463,578	480,178	37.08%	494,583	37.08%	509,420	37.08%	524,703	37.08%	540,444	37.08%
Subtotal	**810,153**	**1,273,458**	**1,295,091**	100.00%	**1,333,943**	100.00%	**1,373,961**	100.00%	**1,415,180**	100.00%	**1,457,635**	100.00%
Amortization												
Total Amortization	-	238,684	238,684		238,684		238,684		238,684		238,684	
Amortization Non-Cash	-	-238,684	-238,684		-238,684		-238,684		-238,684		-238,684	
Subtotal	**0**	**0**	**0**		**0**		**0**		**0**		**0**	
TRANSFER TO SEWER RESERVE	**895,076**	**801,416**	**732,767**		**833,708**		**922,090**		**994,226**		**1,070,847**	
Financial Plan Balance	**0**	**0**	**-**		**0**		**0**		**0**		**0**	
Projected Sewer Capital Reserve Balance	**0**	**811,754**	**478,590**		**100,861**		**923,083**		**1,568,125**		**2,681,778**	
Funds Available for Transfer to Sewer Capital Reserve	**895,076**	**801,416**	**732,767**		**833,708**		**922,090**		**994,226**		**1,070,847**	

2027 Sewer Budget Assumptions

Sewer Operating Fund

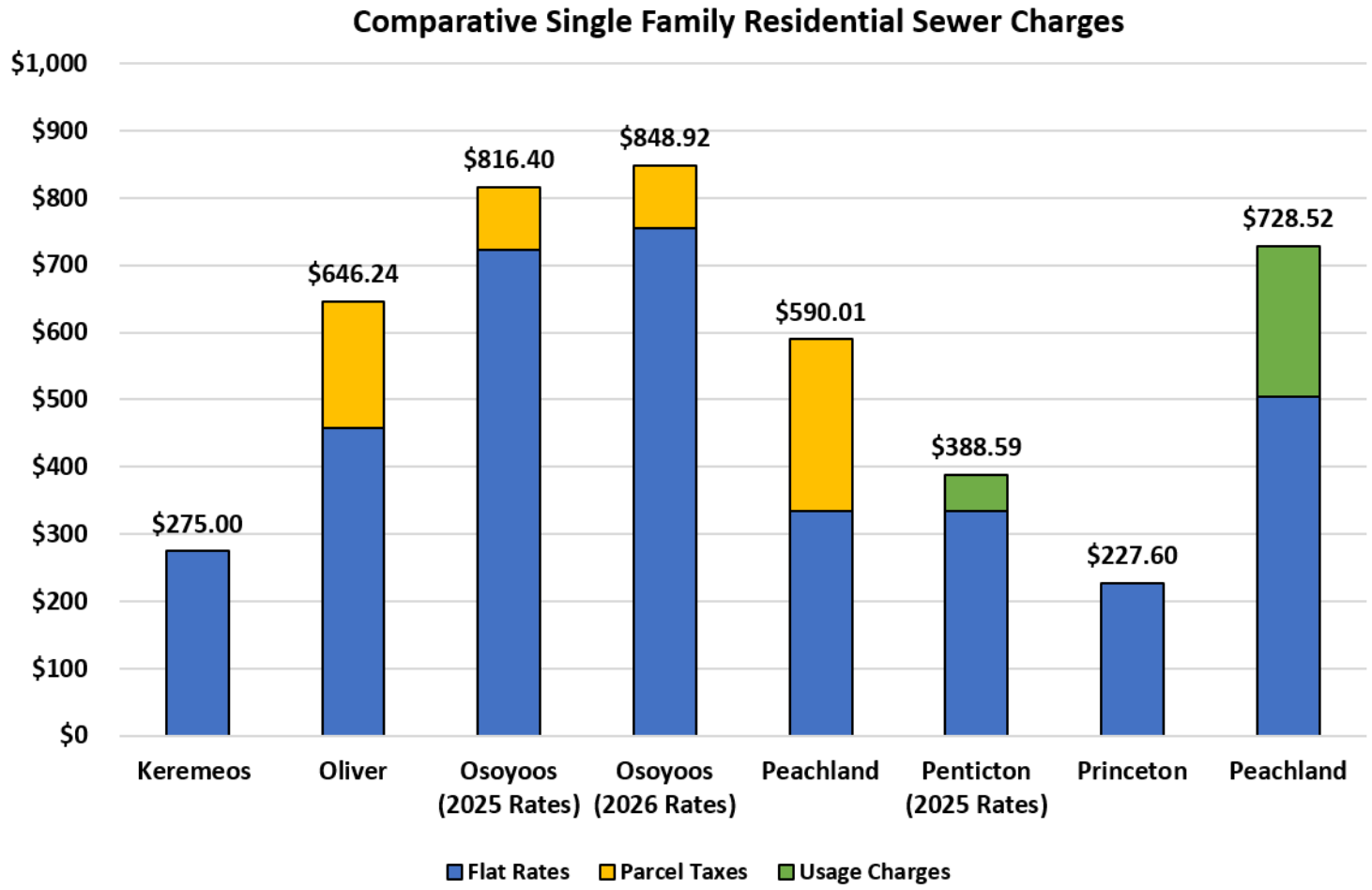
Revenue	Proposed Rate Increase		7%		7%		6%		5%		5%	
GL Description	2026 YTD Actuals	2026 Budget	2027 Draft Budget	% of Total Revenue	2028 Plan	% of Total Revenue	2029 Plan	% of Total Revenue	2030 Plan	% of Total Revenue	2031 Plan	% of Total Revenue
Sewer Operations Expense Increases												
Total Administration					3.00%		3.00%		3.00%		3.00%	
Total Operations					3.00%		3.00%		3.00%		3.00%	
Total Collection					3.00%		3.00%		3.00%		3.00%	
Total Treatment Disposal					3.00%		3.00%		3.00%		3.00%	
Total Amortization					0.00%		0.00%		0.00%		0.00%	
Sewer Revenue Generated from % Increases												
1%		-20,473	-19,994		-21,393		-22,677		-23,811		-25,001	
5%		-102,363	-99,969		-106,965		-113,385		-119,053		-125,006	
10%		-204,726	-199,938		-213,930		-226,770		-238,105		-250,013	

Scenario Increases Sewer

	2027	2028	2029	2030	2031
Scenario A - Base (Fixed & Usage)	7%	7%	6%	5%	5%
Scenario A - Base (Parcel Taxes)	7%	7%	6%	5%	5%
Transfers to Sewer Capital Reserve	732,767	833,708	922,090	994,226	1,070,847
Sewer Capital Reserve Balances	478,590	100,861	923,083	1,568,125	2,681,778
Sewer Capital Reserve Budgeted Spendng	1,085,000	1,220,000	115,000	386,000	20,000

Town of Oliver
CANADA'S WINE CAPITAL

Current Sewer Rate Comparisons



Sewer Rate Increase Impact

- Proposed 7% increase for 2027 would increase the average annual cost for homeowners from $646 to $691 or $45 per year,
- This equates to $3.75 per month
- Our 2027 rates would remain lower than Osoyoos.

2027-2031 Water Projects – Page 1

Sum of :						Column L					
Row	PROJECT NAME	Priority	FUNDING	DOM or IRR	Multi Fund	2027	2028	2029	2030	2031	Grand Total
29	Vehicle Bridge Deck Approaches and Piping Design	P1	WC	DOM	Y	20					20
51	Booster station SCADA (6A) and Munckhof Reservoir	P1	WC	DOM	N		300				300
58	Water Meter Replacements	P1	WC	DOM	N	300	300	300	150	150	1,200
60	Canal - Spillway Structure Designs	P1	WC	IRR	N		40				40
63	Canal - Upgrade trash racks	P3	WC	IRR	N			75			75
98	S3-Similkameen Avenue	P1	Grant	DOM	Y	609					609
99	W8-Main Street Veterans to School	P1	Grant	DOM	Y	515					515
103	W6-Water reservoir feed line 2	P1	Grant	DOM	N				950		950
	W6-Water reservoir feed line 2 NDT Testing	P1	WC	DOM	N			75			75
105	Pacific Silica River Crossing	P1	Grant	DOM	N				450		450
	Pacific Silica River Crossing Design	P2	WC	DOM	N			50			50
108	Okanagan St - Similkameen to Skagit Design	P3	WC	DOM	Y					20	20
109	Black Sage River Water Crossing Design	P3	WC	DOM	N					25	25
118	Mud Lake Irrigation VFD/Soft Starts electrical Upgrade/HVAC/Flow M	P1	WC	IRR	N					500	500
122	2- New 12" Isolation Valve at Park Rill System #1	P1	WC	IRR	N		75				75
130	New Scada & PLC's for entire system	P1	WC	BOTH	N	175	175	175			525
137	Okanagan St - Co-op to Haven	P3	Grant	DOM	Y					350	350
	Okanagan St - Co-op to Haven Design	P3	WC	DOM	Y				35		35
141	Gate Valve Replacements each year	P1	WC	BOTH	N	20	20	20	20	20	100
142	New Scada Computers	P3	WC	BOTH	N				40		40
159	Sleeve New Irrigation Main Gala to Siphon Investigation/NDT	P3	WC	IRR	N					150	150
160	Diversion Control Gates and Motors Design/Investigation	P1	WC	IRR	N			125			125
	Diversion Control Gates and Motors	P1	WC	IRR	N				700		700
162	Black Sage 2B Intake Screen	P1	WC	IRR	N	30					30
163	Black Sage 2B River Intake Gate	P1	WC	IRR	N				125		125
165	Well Decommisioning CPR	P1	WC	DOM	N	100					100
166	Well Decommisioning Blacksage	P1	WC	DOM	N	50					50
168	W2-Park Drive Water Looping	P3	Grant	DOM	Y					375	375
	W2-Park Drive Water Looping Design	P3	WC	DOM	Y				20		20
169	W12-Fairview Okanagan to Kootney Design	P3	WC	DOM	Y				5		5
	W12-Fairview Okanagan to Kootney Water Main	P3	Grant	DOM	Y					200	200

Town of Oliver
CANADA'S WINE CAPITAL

2027-2031 Water Projects – Page 2

FUND	Water

Sum of :						Column Labels					
Row	PROJECT NAME	Priority	FUNDING	DOM or IRR	Multi Fund	2027	2028	2029	2030	2031	Grand Total
170	W13-Sawmill Similkameen to Spruce Design	P3	WC	DOM	Y					20	20
172	W11-Lakeside Merlot to Eastside Water Main Replacement Design	P3	WC	DOM	Y					20	20
173	W10-McKinney Rd. Park to Hospital Water Main Replacement Desigr	P2	WC	DOM	Y					15	15
191	Fencing for source protection Tucelnuit pumphouse	P1	WC	DOM	N	30					30
197	Tucelnuit Pumphouse Upgrade Elect. Service, MCC's, Pumps and Mo	P1	WC	DOM	N			500			500
211	Black Sage Well Rehab for 3 wells	P1	WC	BOTH	N				250		250
226	School Ave Reconstruction - HWY 97 to Gala	P1	CWF	DOM	Y	220					220
59	Canal - Spillway Structures Reconstruction or Removal	P1	WC	IRR	N			150			150
228	Miller Well Rehab	P1	WC	DOM	N	160					160
229	Tucelnuit Well Rehab for well 1 & 2	P1	WC	DOM	N		250				250
230	Buchanan Well Rehab	P1	WC	DOM	N					125	125
233	Sawmill Road Extension and South Station Street Upgrades - Fairview	P2	Grant	DOM	Y	675					675
235	Water Meter Antenna AMI	P1	WC	DOM	N	120					120
240	Siphon Repair to Catchment Grates	P1	WC	IRR	N	20					20
241	Automatic Flushing Valves	P1	WC	DOM	N		25	25			50
242	Backup Chlorine Dosing Pumps Rockcliffe & Blacksage	P1	WC	DOM	N	20					20
243	Fencing for source protection Buchanan pumphouse	P1	WC	DOM	N		15				15
246	Skagit Avenue Design	P2	WC	DOM	Y			20			20
	Skagit Avenue	P2	WC	DOM	Y				71		71
252	Safety Line for Flume 3	P1	WC	IRR	N	35					35
Grand Total						3,099	1,200	1,515	2,816	1,970	10,600

	FUND	Water					
	Sum of 27-36	Column					
	Row Labels	2027	2028	2029	2030	2031	Grand Total
	CWF	220					220
	Grant	1,799			1,400	925	4,124
	WC	1,080	1,200	1,515	1,416	1,045	6,256
	Grand Total	3,099	1,200	1,515	2,816	1,970	10,600
	% From Reserve	35%	100%	100%	50%	53%	59%

Town of Oliver
CANADA'S WINE CAPITAL

P1
2027 Water Projects

FUND	Water
Priority	P1

Sum of 27-36			Column Labels	
Row Labels	PROJECT NAME	FUNDING	2027	Grand Total
29	Vehicle Bridge Deck Approaches and Piping Design	WC	20	20
58	Water Meter Replacements	WC	300	300
98	S3-Similkameen Avenue	Grant	609	609
99	W8-Main Street Veterans to School	Grant	515	515
130	New Scada & PLC's for entire system	WC	175	175
141	Gate Valve Replacements each year	WC	20	20
162	Black Sage 2B Intake Screen	WC	30	30
165	Well Decommisioning CPR	WC	100	100
166	Well Decommisioning Blacksage	WC	50	50
191	Fencing for source protection Tucelnuit pumphouse	WC	30	30
226	School Ave Reconstruction - HWY 97 to Gala	CWF	220	220
228	Miller Well Rehab	WC	160	160
235	Water Meter Antenna AMI	WC	120	120
240	Siphon Repair to Catchment Grates	WC	20	20
242	Backup Chlorine Dosing Pumps Rockcliffe & Blacksage	WC	20	20
252	Safety Line for Flume 3	WC	35	35
Grand Total			2,424	2,424

Total Proposed 2027 Capital spending $3,099,000

Risk to service continuity that two P1 projects are dependant on grant funding to move forward.

#29 – Vehicle Bridge Deck

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Vehicle Bridge Approach Reconstruction

Total	$ 1,480,000

Bridge approach road structure improvements

In July of 2020, Watson Engineering provided the Town of Oliver with an Inspection Report detailing the current condition of the bridge and making recommendations for rehabilitation of deficiencies. The report recommended rebuilding the approach roadways to address uneven road surfaces and rutting in the asphalt. Core samples were completed in Nov 2021 suggested that the cause of the rutting at this time may be partially related to the underlying subgrade.

	$ 50,000.00	design
General	$ 1,000,000.00	

Bridge approach water infrastructure improvements

The 1961 AC watermains runs West to East over the bridge, the watermain was installed in 1961 as AC watermain and it exeeds its' life expectancy.

	$ 20,000.00	design
Water	$ 180,000.00	

Bridge approach sanitaryinfrastructure improvements

The 1965 AC sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

	$ 20,000.00	design
Sewer	$ 300,000.00	

#58 – Water Meter Replacements

PRIORITY	P1	Year	Year	Year	Year	Year	Year
ASSESSMENT	Critical	2027	2028	2029	2030	2031	2032

Water Meter Replacements

. The Town has started a 'change out' program for the next 5 years, replacing the Neptune T-10 meters with a newer Mach 10 meters that have no internal moving parts and potentially less maintenance the battery dies on 1100 meters by 2029 20 year life span and start to die at 17 years plus. Work can be done internally through the public works in addition to contracted plumber. $40k in 2024 was insufficient. Plan for $300k per year up until 2029.

$ 300,000

#98 Similkameen Ave.

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Total **$ 2,754,000**

Similkameen Ave.-mill/pave & Overlay

Similkameen Ave is poor condition and requires full road structure reconstruction. Multiple areas od Similkameen were constructed at different time periods, with different pavement structures.

$1,345,000.00

Similkameen Ave. Drainage Upgrades

The existing drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

Similkameen Ave. Water Upgrades

The 1961 AC water infrastructure well exceeds its' life expectancy.

$609,000.00

Similkameen Ave. Sewer Upgrades

The Sanitary sewer that runs along Similkameen and forms a bottle neck according to the Sanitary Capital Plan from 2019. The 1967 AC Sanitary sewer infrastructure exceeds its' life expectancy.

$800,000.00

#99 Main Street

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Main St.-mill/pave & Overlay

Main Street between School Avenue and Veterans Avenue requires full road reconstruction due to new underground infrastructure, according to MOTI road structure requirements.

design	$25,000.00	
	$3,000,000.00	

Main St. Drainage Upgrades

The 1964 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

Main St. Water Upgrades

This project is driven by need for redundancy for the water main reservoir feed lines, to replace the existing watermains, the water main was installed in 1955 as AC watermain

	$30,000.00	design
Water	$485,000.00	

Main St. Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. Inspections from 2016, 2017, 2024 and 2025 indicated the sanitary sewer main has multiple issues and is in deteriorating. Multiple repairs are required unless relining is completed prior to future deterioration.

	$20,000.00	design
Sewer	$265,000.00	

#130 – New Scada & PLC

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

New Scada and PLC upgrade for entire system water and sewer. They do not make parts anymore for our scada communication system. Continuous problems with Scada software not getting proper data

Water	**$**	**175,000**	per year to 2029
Sewer	**$**	**125,000**	per year until 2028

#141 – Gate Valve Replacements

PRIORITY	P1	Year	Year
ASSESSMENT	Critical	2027	2034

Gate Valve Replacements

Annual replacement of gate valves on the water systems.

$	20,000

#162 – Black Sage 2B Intake Screen

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Black Sage 2B Intake Sreen

Black Sage 2B Intake Sreen
$ 30,000

#165 – CPR
Well Decommissioning

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Well Decommisioning CPR

Professional decommisioning of CPR pumping station, possible asbestos removal as the exterior cinder blocks are filled with with vermiculite insulation. Professional asbestos removal company will assess and remove any asbestos in the CPR pumping station.

$ 100,000



#166 – Blacksage Well Decommissioning

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Well Decommisioning Blacksage

Professional decommisioning of Blacksage pumping station #4, possible asbestos removal as the exterior cinder blocks are filled with with vermiculite insulation, exterior wall existing in three sections, and capped with concrete. Professional asbestos removal company will assess and remove any asbestos in the CPR pumping station.

$	2,027



#191 – Fencing For Source Protection - Tucelnuit

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Tucelnuit Pumphouse Fence

A fence is required at a minimum 30m around each well location at Tucelnuit Pumphouse, this is to prevent vehicles from parking close to the pumphouses, which would leak and increase the chance of the wells becoming contaminated. Maojr leaks can cause additonal treatments or the potential of abandonment of the wells. This is a requirement from ground water at risk of pathogens.

$	30,000

#226 – School Avenue Reconstruction

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

School Avenue Surface Reconstruction

This major road reconstruction project will replace the existing roadway structure along three blocks of School Avenue, connecting it to the newer upper section of the same street. The work includes installation of new curb and gutter, sidewalks, and significant utility upgrades: 17 new water services, 2 fire hydrants, 1 sewer service, and 2 water main crossings at Okanagan Street and Kootenay Street.

School Avenue is classified as a minor collector road and serves as a key corridor for both the high school and elementary school. Currently, it is one of the most deteriorated paved roads in town, making this project critical for improving safety, accessibility, and infrastructure reliability.

General	$	1,140,000
Water	$	220,000
Sewer	$	20,000

#228 – Miller Well Rehab

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Miller Well Rehab

Well Rehabilitation for Miller Road Well, testing is required prior to rehabilitation. This is the next prioity well to be refurbished. Each well should be rehabilitaed generally every 7 to 10 years. The Town prior to 2025 had never rehabilitaded a well before. Miller well was established in 2008.

$	**160,000**

#233 – Sawmill Road Extension

PRIORITY	P2	Year
ASSESSMENT	Vital	2027

Total	$ 5,375,000

Sawmill Road- pavement

Sawmill Road extension from Sawmill Road to Fairview Road including Station Street reconstruction.

Sawmill Road Drainage Upgrades

The drainage infrastructure has also exceeded the useful life expectancy of the drainage network. New drainage infrastructure is required on the Sawmill Road extension location.

$4,300,000.00

Sawmill Road Water Upgrades

The existing watermains runs South to North within the roadways, the water main was installed in 1955, 1961 as AC watermain and 2017, 2018 and 2024 as PVC watermain.

Water	$400,000.00

Sawmill Road Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

Sewer	$675,000.00

#235 – Water Meter Antenna

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Water Meter Antenna AMI

The Town currently uses Automated Meter Reading (AMR) technology for water meter readings. Advanced Metering Infrastructure (AMI) improves upon AMR by utilizing a fixed two-way communications network that enables automated data collection, near real-time consumption monitoring, and remote system management capabilities. Unlike AMR, which typically requires manual or drive-by meter reading, AMI continuously transmits data to the utility at scheduled intervals.

$ 120,000

Advanced Metering Infrastructure (AMI)

Overview

The Town currently uses Automated Meter Reading (AMR) technology for water meter readings. Advanced Metering Infrastructure (AMI) improves upon AMR by utilizing a fixed two-way communications network that enables automated data collection, near real-time consumption monitoring, and remote system management capabilities. Unlike AMR, which typically requires manual or drive-by meter reading, AMI continuously transmits data to the utility at scheduled intervals.

Benefits of AMI

Implementation of an AMI system would support the Town's water conservation objectives by providing timely consumption information to both utility staff and residents. The system enables early leak detection, improved monitoring of water use, more efficient operations, and enhanced customer service through greater access to consumption data.

Customer Access

The Town already utilizes Neptune MY360 software, which provides residents with online access to their water consumption information. With the addition of AMI infrastructure, residents will be able to monitor near real-time water usage and receive earlier notification of potential leaks. Staff will also be able to identify system issues and water losses much more quickly than is possible with monthly meter readings.

AMR vs. AMI Comparison

Feature	AMR	AMI
Communication	One-way	Two-way
Data Collection	Manual or drive-by reading	Automatic fixed-network collection
Reading Frequency	Typically monthly	Near real-time or scheduled intervals
Leak Detection	Limited	Early detection and alerts
Customer Access	Delayed consumption data	Near real-time consumption information
Operational Efficiency	Requires staff collection	Automated and remote capable
System Monitoring	Limited visibility	Enhanced monitoring and analytics

#240 – Siphon Repair to Catchment Gates

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Siphon Repair to Catchment Grates

	$ 20,000

#242 – Backup Chlorine Dosing Pumps

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Back up Chlorine Dosing Pumps for Rockcliffe and Blacksage Pump Stations.

$	20,000

Town of Oliver
CANADA'S WINE CAPITAL

#252 – Safety Line for Flume 3

2027 Water Budget Assumptions

			2028	2029	2030	2031
Water Operations Expense Increases						
Total Administration			3.00%	3.00%	3.00%	3.00%
Total Other Water Supply			3.00%	3.00%	3.00%	3.00%
Total Purification & Treatment			3.00%	3.00%	3.00%	3.00%
Total Service of Supply			3.00%	3.00%	3.00%	3.00%
Total Transmission & Distribution			3.00%	3.00%	3.00%	3.00%
Total Pumping Power			3.00%	3.00%	3.00%	3.00%
Total Pump Maintenance			3.00%	3.00%	3.00%	3.00%
Total Customer Billing & Collections			3.00%	3.00%	3.00%	3.00%
Total Amortization			0.00%	0.00%	0.00%	0.00%
Canal			3.00%	3.00%	3.00%	3.00%
Water Revenue Generated from % Increases						
1%	-41,366	-42,164	-45,089	-47,845	-50,257	-52,751
5%	-206,832	-210,822	-225,443	-239,227	-251,284	-263,754
10%	-413,664	-421,644	-450,887	-478,453	-502,568	-527,509

Proposed Rate Increases	2027	2028	2029	2030	2031
Scenario A - Base (Consumption)	7.00%	7%	6%	5%	5%
Scenario A - Base (Fixed)	7.00%	7%	6%	5%	5%
Scenario A - Base (Parcel Taxes)	7.00%	7%	6%	5%	5%
Transfers to Water Capital Reserve	685,824	914,586	1,098,223	1,388,252	1,540,031
Water Capital Reserve Balances	408,289	130,842	-285,935	-242,683	252,493
Water Capital Reserve Budgeted Spending	1,080,000	1,200,000	1,515,000	1,345,000	1,045,000

Scenario Increases Water Irrigation

	2027	2028	2029	2030	2031
Scenario A - Base (Irrigation)	7.00%	7%	6%	5%	5%
Net Operating (Surplus) Deficit	173,566	109,700	54,984	11,810	-34,237
Water Canal Capital Budgeted Spending	182,500	212,500	447,500	980,000	660,000
Cumulative (Surplus) Deficit	356,066	678,266	1,180,750	2,172,560	2,798,323

2027-2031 Water Operating Budget

SUMMARY	2027 Budget	2026 Budget	Variance	2026 YTD	2025 Actual	2024 Actual	2023 Actual	2022 Actual	2021 Actual	2020 Actual
Total User Fees and Sale of Services	(3,621,304)	(3,542,205)	(79,099)	(3,112,046)	(3,477,547)	(3,286,918)	(2,913,005)	(2,765,948)	(2,655,165)	(2,295,091)
Total Other Revenue from Own Sources	(130,793)	(140,028)	9,235	(53,172)	(147,778)	(142,308)	(129,040)	(140,059)	(555,598)	(28,846)
Total Parcel Taxes	(661,384)	(649,038)	(12,346)	(641,224)	(621,040)	(608,949)	(530,440)	(503,497)	(481,037)	(461,486)
Total OPERATING REVENUES	**(4,413,481)**	**(4,331,271)**	**(82,210)**	**(3,831,442)**	**(4,278,865)**	**(4,038,175)**	**(3,579,985)**	**(3,434,810)**	**(3,691,800)**	**(2,835,423)**
Total Administration	1,148,965	1,161,029	(12,064)	628,326	864,420	762,904	981,075	783,255	637,440	697,694
Total Other Water Supply	129,074	145,412	(16,338)	100,190	144,975	154,120	91,910	88,534	84,621	80,755
Total Purification & Treatment	186,250	165,250	21,000	157,546	203,301	256,967	102,348	82,434	59,776	67,629
Total Service of Supply	24,481	27,336	(2,855)	8,638	23,323	39,268	14,154	11,616	15,301	53,114
Total Transmission & Distribution	871,676	880,800	(9,124)	835,847	898,685	673,582	821,933	576,384	628,383	601,513
Total Pumping Power	376,957	357,414	19,543	206,098	445,224	369,733	317,862	321,722	340,363	310,674
Total Pump Maintenance	210,250	154,095	56,155	225,459	150,066	145,647	128,959	123,758	129,611	185,105
Total Customer Billing & Collections	30,600	35,600	(5,000)	9,579	40,157	37,854	20,309	83,699	202,624	68,305
Total Principal Payments	339,839	326,181	13,658	263,178	540,607	553,701	529,572	390,208	384,107	377,554
Total Interest Payments	325,241	316,088	9,153	275,752	351,122	348,848	326,290	320,567	151,698	149,278
Total Actuarial Adjustment	84,324	96,699	(12,375)	-	-	-	-	-	-	-
Total Amortization	876,489	772,457	104,032	-	875,358	772,457	754,253	745,322	530,541	540,319
Total Transfer to Own Funds (Reserves)	685,824	665,367	20,457	1,120,829	474,494	500,274	168,099	556,949	398,815	470,021
Total OPERATING EXPENDITURES	**5,289,970**	**5,103,728**	**186,242**	**3,831,442**	**4,922,980**	**4,515,284**	**4,256,764**	**4,084,448**	**3,563,280**	**3,601,961**

Amortization is a non-cash expense. Budget balanced when deducted from expenditures

Other Revenue includes actuarial adjustment ($84k) which is a non-cash expense

Town of Oliver
CANADA'S WINE CAPITAL

Water Summary Analysis

% Rate Increases	2027		2028		2029		2030		2031	
Domestic Consumption	7%		7%		6%		5%		5%	
Domestic Fixed	7%		7%		6%		5%		5%	
Parcel Taxes	7%		7%		6%		5%		5%	
Irrigation	7%		7%		6%		5%		5%	
Domestic Water Revenue										
Variable Consumption Charges	-1,317,635	30.4%	-1,407,183	30.4%	-1,496,731	30.6%	-1,573,487	30.6%	-1,650,242	30.6%
Fixed Charges	-835,865	19.3%	-894,355	19.4%	-948,047	19.4%	-995,448	19.4%	-1,045,268	19.4%
Other Revenue	-112,719	2.6%	-112,719	2.4%	-112,719	2.3%	-112,719	2.2%	-112,719	2.1%
Parcel Taxes	-661,384	15.3%	-707,680	15.3%	-750,136	15.3%	-787,637	15.3%	-827,025	15.3%
Subtotal Domestic Water	**-2,927,603**	**67.6%**	**-3,121,937**	**67.5%**	**-3,307,633**	**67.6%**	**-3,469,291**	**67.5%**	**-3,635,254**	**67.4%**
Irrigation Water Revenue (Fixed)	**-1,401,554**	**32.4%**	**-1,499,650**	**32.4%**	**-1,589,619**	**32.5%**	**-1,669,103**	**32.5%**	**-1,752,551**	**32.5%**
Total Water Revenue	**-4,329,157**	**100.0%**	**-4,621,587**	**100.0%**	**-4,897,252**	**100.0%**	**-5,138,394**	**100.0%**	**-5,387,805**	**100.0%**
Irrigation Water Operating Expenses (Canal)										
Administration	188,273	11.7%	193,921	11.8%	199,739	11.9%	205,731	12.0%	211,903	12.0%
Operations & Maintenance	979,411	60.6%	1,007,993	61.1%	1,037,428	61.6%	1,067,746	62.0%	1,098,975	62.5%
Debt Servicing	447,934	27.7%	447,934	27.2%	447,934	26.6%	447,934	26.0%	447,934	25.5%
Total Irrigation Water Operating Expenses	**1,615,618**	**100.0%**	**1,649,848**	**100.1%**	**1,685,101**	**100.1%**	**1,721,411**	**100.0%**	**1,758,812**	**100.0%**
All Water Operating Expenses & Transfers										
Regular Ongoing	2,978,253	68.8%	3,067,601	66.4%	3,159,629	64.5%	3,254,418	63.3%	3,352,050	62.2%
Debt Servicing	665,080	15.4%	639,400	13.8%	639,400	13.1%	495,724	9.6%	495,724	9.2%
Transfers to Reserves	685,824	15.8%	914,586	19.8%	1,098,223	22.4%	1,388,252	27.0%	1,540,031	28.6%
Total Water Operating Expenses	**4,329,157**	**100.0%**	**4,621,587**	**100.0%**	**4,897,252**	**100.0%**	**5,138,394**	**99.9%**	**5,387,805**	**100.0%**
Water Capital Expenses	**3,099,000**		**1,200,000**		**1,515,000**		**2,745,000**		**1,970,000**	

Overall Review of Water

OVERALL SUMMARY

			7.00%	7%	6%	5%	5%
	2026 YTD Actuals	2026 Budget	2027 Draft Budget	2028 Plan	2029 Plan	2030 Plan	2031 Plan
DOMESTIC OPERATIONS							
REVENUE	-2,436,351	-2,859,211	-2,927,603	-3,121,937	-3,307,633	-3,469,291	-3,635,254
EXPENSE	1,237,553	1,839,481	1,810,569	1,865,687	1,922,462	1,980,941	2,041,172
DEBT SERVICING	131,494	234,833	257,644	231,964	231,964	88,288	88,288
(Profit)Loss	-1,067,304	-784,897	-859,390	-1,024,286	-1,153,207	-1,400,062	-1,505,794
IRRIGATION OPERATIONS							
REVENUE	-1,395,091	-1,375,361	-1,401,554	-1,499,650	-1,589,619	-1,669,103	-1,752,551
EXPENSE	934,130	1,087,455	1,167,684	1,201,914	1,237,167	1,273,477	1,310,878
DEBT SERVICING	407,436	407,436	447,934	447,934	447,934	447,934	447,934
(Profit)Loss	-53,525	119,530	214,064	150,198	95,482	52,308	6,261
CONSOLIDATED							
REVENUE	-3,831,442	-4,234,572	-4,329,157	-4,621,587	-4,897,252	-5,138,394	-5,387,805
EXPENSE	2,171,683	2,926,936	2,978,253	3,067,601	3,159,629	3,254,418	3,352,050
DEBT SERVICING	538,930	642,269	665,080	639,400	639,400	495,724	495,724
(Profit)Loss	-1,120,829	-665,367	-685,824	-914,586	-1,098,223	-1,388,252	-1,540,031

Water Rate Comparisons

Town of Oliver
CANADA'S WINE CAPITAL

Water	Keremeos (2025 Rates)	Keremeos (2026 Rates)	Keremeos Irrigation District
	Water Supply, Treatment & Conveyance	Water Supply, Treatment & Conveyance	Water Supply, Treatment & Conveyance
Single Family Residential (Connected)			
Fixed Rates			
Flat Rates	$131.00	$138.00	$336.80
Meter Base Rate (3/4" connection)	$0.00	$0.00	$0.00
Acreage Charge (based on 1/2 acre property)	$0.00	$0.00	$0.00
Parcel Taxes	$0.00	$0.00	$245.00
Total Fixed Rates	**$131.00**	**$138.00**	**$581.80**
Variable Rates			
Usage Charges (based on Average BC Household of 318 cubic meter of usage per year)	$0.00	$0.00	$302.10
Variable Rates (usage charges)	**$0.00**	**$0.00**	**$302.10**
Total Single Family Residential Water	**$131.00**	**$138.00**	**$883.90**
Agricultural (Farm) Irrigation			
Fixed Rates			
Metered Base Charge (based on 4" connection)	$0.00	$0.00	$0.00
Acreage Charge (based on 10 acre property)	$0.00	$0.00	$1,611.50
Parcel Taxes	$0.00	$0.00	$0.00
Fixed Rates	**$0.00**	**$0.00**	**$1,611.50**
Variable Rates			
Usage Charges (based on 1,113 cubic meters per acre x 10 acres - 11,130 cubic meters per year)	$0.00	$0.00	$0.00
Variable Rates (usage charges)	**$0.00**	**$0.00**	**$0.00**
Total Agricultural Irrigation	**$0.00**	**$0.00**	**$1,611.50**

Water Rate Comparisons

Town of Oliver
CANADA'S WINE CAPITAL

Water	Oliver	Osoyoos (2025 Rates)	Osoyoos	Peachland
	Water Supply, Treatment & Conveyance	Water Supply, Treatment & Conveyance	Water Supply, Treatment & Conveyance	Water Supply, Treatment & Conveyance
Single Family Residential (Connected)				
Fixed Rates				
Flat Rates	$0.00	$798.16	$902.76	$404.00
Meter Base Rate (3/4" connection)	$229.06	$398.84	$477.44	$0.00
Acreage Charge (based on 1/2 acre property)	$0.00	$0.00	$0.00	$0.00
Parcel Taxes	$209.60	$60.00	$60.00	$0.00
Total Fixed Rates	**$438.66**	**$1,257.00**	**$1,440.20**	**$404.00**
Variable Rates				
Usage Charges (based on Average BC Household of 318 cubic meter of usage per year)	$318.00	$343.44	$410.22	$187.62
Variable Rates (usage charges)	**$318.00**	**$343.44**	**$410.22**	**$187.62**
Total Single Family Residential Water	**$756.66**	**$1,600.44**	**$1,850.42**	**$591.62**
Agricultural (Farm) Irrigation				
Fixed Rates				
Metered Base Charge (based on 4" connection)	$0.00	$14,551.28	$15,133.32	$2,068.00
Acreage Charge (based on 10 acre property)	$3,334.20	$4,582.80	$5,224.40	$0.00
Parcel Taxes	$0.00	$0.00		$0.00
Fixed Rates	**$3,334.20**	**$19,134.08**	**$20,357.72**	**$2,068.00**
Variable Rates				
Usage Charges (based on 1,113 cubic meters per acre x 10 acres - 11,130 cubic meters per year)	$0.00	$0.00	$0.00	$1,335.60
Variable Rates (usage charges)	**$0.00**	**$0.00**	**$0.00**	**$1,335.60**
Total Agricultural Irrigation	**$3,334.20**	**$19,134.08**	**$20,357.72**	**$3,403.60**

Water Rate Comparisons

Town of Oliver
CANADA'S WINE CAPITAL

	Penticton (2025 Rates)	Penticton (2026 Rates)	Princeton	Summerland
Water	**Water Supply, Treatment & Conveyance**	**Water Supply, Treatment & Conveyance**	**Water Supply, Treatment & Conveyance**	**Water Supply, Treatment & Conveyance**
Single Family Residential (Connected)				
Fixed Rates				
Flat Rates	$0.00	$0.00	$491.40	$678.48
Meter Base Rate (3/4" connection)	$408.36	$448.08	$0.00	$0.00
Acreage Charge (based on 1/2 acre property)	$0.00	$0.00	$0.00	$0.00
Parcel Taxes	$0.00	$0.00	$0.00	$285.00
Total Fixed Rates	**$408.36**	**$448.08**	**$491.40**	**$963.48**
Variable Rates				
Usage Charges (based on Average BC Household of 318 cubic meter of usage per year)	$278.67	$304.52	$286.20	$197.16
Variable Rates (usage charges)	**$278.67**	**$304.52**	**$286.20**	**$197.16**
Total Single Family Residential Water	**$687.03**	**$752.60**	**$777.60**	**$1,160.64**
Agricultural (Farm) Irrigation				
Fixed Rates				
Metered Base Charge (based on 4" connection)	$13,812.60	$14,650.44	$0.00	$0.00
Acreage Charge (based on 10 acre property)	$0.00	$0.00	$0.00	$2,616.70
Parcel Taxes	$0.00	$0.00	$0.00	$0.00
Fixed Rates	**$13,812.60**	**$14,650.44**	**$0.00**	**$2,616.70**
Variable Rates				
Usage Charges (based on 1,113 cubic meters per acre x 10 acres - 11,130 cubic meters per year)	$1,258.52	$1,297.84	$0.00	$0.00
Variable Rates (usage charges)	**$1,258.52**	**$1,297.84**	**$0.00**	**$0.00**
Total Agricultural Irrigation	**$15,071.12**	**$15,948.28**	**$0.00**	**$2,616.70**

Domestic Water Rate Increase Impact

- Proposed 7% increase for 2027 would increase the average annual cost for homeowners from $756 to $809 or $53 per year,
- This equates to $4.41 per month
- Our 2027 rates would remain lower than Osoyoos and Summerland 2026 rates.

Farm Irrigation Rate Increase Impact

- Proposed 7% increase for 2027 would increase the average annual cost for 10 acre farms from $3,334 to $3,567 or $233 per year,
- This equates to $19.42 per month
- Our 2027 rates would remain lower than Osoyoos & Penticton's 2026 rates.

Town of Oliver
CANADA'S WINE CAPITAL

Next Steps/Timeline

- Incorporate Council feedback into next version of 2027-2031 Operating & Capital Budget
- Bring proposed Water and Sewer 2027 Rate & Parcel Tax Bylaws to Nov 16th Special Council meeting for review
- Bring 2027 Water, Sewer and Parcel Tax Bylaws to Regular Council for 1st,2nd & 3rd reading at the Nov 30th Council meeting