

# REPORT



## Council

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<b>MEETING DATE:</b>	October 25, 2024
<b>TO:</b>	Mayor and Council
<b>CC:</b>	Rod Risling, CAO
<b>FROM:</b>	Jim Zakall, Director of Financial Services
<b>SUBJECT:</b>	<b>Highlights for the 2025-2029 Water Operating Budget</b>

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## BACKGROUND

Budget presentation for the 2025-2029 Water Operating Budget, highlighted changes in the budget.

## OVERVIEW

Water user fees are budgeted with a 9.65% increase in 2025 and a 3% increase in 2026-2029. In 2025 the 9.65% increase represents a \$467,630 increase in revenues and distributed as follows:

WATER FUND			<b>Annual</b>	<b>Monthly</b>
Operations	\$218,844	4.52%	\$34.06	\$2.84
Capital Projects	\$3,016	0.06%	\$0.47	\$0.04
Inflation Adjustment Water Sustainability Fund	\$215,770	4.45%	\$33.58	\$2.80
Fleet Reserve	\$30,000	0.62%	\$4.67	\$0.39
		<i>Total</i>	<i>\$72.78</i>	<i>\$6.07</i>

### Operations:

Operating expenditures, not including transfers to reserves have increased by \$218,844 as summarized below. The Water Operating budget is \$2,775,300 for 2025.

- Wages \$102,750
- Increase in administrative costs associated with quarterly billing \$35,000
- Maintenance \$73,544
- Power \$8,550

### Reserve Funds:

Reserve funds included in the 2025-2029 budget include annual contributions for:

- Water Sustainability Fund \$1,337,000
  - Inflation Adjustment \$215,770
    - Total \$1,552,770
- Capital Contingency Fund \$100,000
- PSAB 3280 Fund \$100,000

### New for 2025

- Fleet Reserve \$30,000
  - A fleet reserve fund would ensure funds are available for when the need to purchase vehicles for servicing the utility department. Past practice would utilize water reserves to pay.

Water Capital Projects:

• 2024 Capital projects carried forward to 2025 for completion	
○ Universal Water Metering	
○ Water Metering	
○ Water – Water Service Extension	
○ 74 <sup>th</sup> Ave Water Main Upsizing, Heron and Loon	
○ Magnolia Place Water Replacement	
○ Floodworks	
○ East Osoyoos Reservoir Design	
○ 340-402 Booster and 340 Reservoir PRV	
2025	
• Universal Water Metering (2024 CF)	\$1,470,000
• Water Metering (2024 CF)	\$3,204,000
• Water – Water Service Extension (2024 CF)	\$500,000
• 74 <sup>th</sup> Ave Water Main Upsizing, Heron Lane & Loon (2024 CF)	\$714,000
• Magnolia Place Water Replacement (2024 CF)	\$321,000
• Floodworks (2024 CF)	\$556,000
• East Osoyoos Reservoir Design (2024 CF)	\$200,000
• 340-402 Booster & 340 Reservoir PRV (2024 CF)	\$850,000
• Ponderosa Dr. Watermain Replacement	\$394,000
• Water District Agricultural Asset Management Plan	\$100,000
• Quail Place Watermain Upgrades	\$232,000
• Water Rate Development, Implementation & Conservation Plan	\$100,000
• Surface Water Treatment Plant	\$4,910,000
• LCD Portable Electronic Signs	\$55,000
2026	
• 340-402 Booster and 340 Reservoir PRV	\$1,150,000
• Surface Water Treatment Plant	\$26,829,278
• Well #10 Implementation	\$1,463,000
• Watermain Replacement Gala Cr	\$221,000
• Harbour Key Dr. Watermain Upsizing	\$478,000
• WMU&R – 89 <sup>th</sup> St from 78 Ave to Main	\$166,000
• WMU&R – 89 <sup>th</sup> St from Main to 70 Ave	\$606,000
• WMU&R 89 <sup>th</sup> St from 70 <sup>th</sup> Ave to Kingfisher	\$853,000
• East Osoyoos Reservoir Construction	\$1,000,000
• Well #3 Electrical & Pumps	\$319,000
• Well #4 Electrical & Pumps	\$319,000
• Well #5 Electrical & Pumps	\$319,000
2027	
• Surface Water Treatment Plant	\$33,050,102
• East Osoyoos Reservoir Construction	\$4,098,000
• Groundwater Protection Plan	\$100,000
• SCADA Upgrades	\$96,000
• WMU&R Kingfisher Dr from 89 <sup>th</sup> St to Gyro Park	\$1,079,000
• WMU&R 89 <sup>th</sup> St from Kingfisher to Oleander and 62 <sup>nd</sup>	\$454,000
• 340 Reservoir Watermain Upgrades	\$2,503,000
• Hydrant Program Project #2	\$447,000
2028	
• Surface Water Treatment Plant	\$15,630,621
• Groundwater Protection Plan	\$50,000
• SCADA Upgrades	\$96,000

• WMU&R at Maple Dr.	\$865,000
• WMU&R Main St from East Lake Crossing to Cottonwood	\$3,028,000
• Master Plan Review	\$75,000
• Water Conservation Update	\$25,000
• Watermain Replacement on 74 <sup>th</sup> , Distribution Main to 402	\$852,000
• Watermain Connecting Nighthawk to 89 <sup>th</sup>	\$295,000
• Watermain Upgrades on 74 Ave from 97 St to Nighthawk	\$428,000
• Watermain R4eplacement on 74 Ave from 97 St to Nighthawk 402 Reduced Pressure	\$485,000
• Fairway Hills Booster Station Pumps, Piping and Electrical	\$718,000
2029	
• Groundwater Protection Plan	\$50,000
• SCADA Upgrades	\$89,000

**TOWN OF OSOYOOS  
BYLAW NO. 1388.03**

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*A Bylaw to amend Town of Osoyoos Water Regulations and Rates Bylaw No. 1388, 2023*

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**WHEREAS** Council deems it necessary and desirable to amend, Town of Osoyoos Water Regulations and Rates Bylaw No. 1388, 2023;

**NOW THEREFORE BE IT RESOLVED THAT** the Council of the Town of Osoyoos, in open meeting assembled **ENACTS AS FOLLOWS:**

**Part 1 - Citation**

1. This Bylaw shall be cited for all purposes as “Town of Osoyoos Water Regulations and Rates Amendment Bylaw No. 1388.03, 2024”.
2. That Schedule “A” of “Town of Osoyoos Water Regulations and Rates Bylaw No. 1388, 2023” is deleted in its entirety and replaced with a revised Schedule “A” that is attached to, and forms a part of, this Bylaw.

Read a first and second and third time on the      day of      , 2024.

Adopted on the      day of      ,      .

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MAYOR

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CORPORATE OFFICER

**WATER REGULATIONS AND RATES BYLAW NO. 1388, 2023  
“SCHEDULE A”**

1. The following flat *rate* charges for *water services* shall apply to all of the *waterworks system* and its existing connections within the *Town*. Categories of charges are based on actual use of the property.

	<b>Quarterly Rates</b>
1) Single- and two-family dwellings - per unit	206.74
2) Multiple dwellings over two units - per unit	206.74
3) All Retail Stores or Services, Offices, Medical Centres, Churches and Barber Shops	206.74
4) Cafes, Coffee Shops, Dining Rooms, Lounges, Legion, Golf Club House, Restaurants, Pubs - up to 50 seats	401.25
5) plus for each additional 50 seats or part thereof	237.75
6) Rooming Houses, Hotels, Motels, Bed and Breakfast Care Facilities per unit	90.98
7) Campgrounds and R.V. Parks – site	75.16
8) Beauty Parlours, Garages, Service Stations, Supermarkets	252.78
9) Day Care Centre	372.12
10) Senior Centre	288.62
11) R.C.M.P., Post Office, Health Centre, Curling Club, Desert Park Equestrian Centre, Sterile Insect Release Facility, Waterslide	592.00
12) Laundromats - per washing machine	51.68
13) Sun Bowl Arena	888.96
14) Precast Concrete Plant, Redi-Mix Plant	888.96
15) Car wash - per bay	592.00
16) Schools - per room	288.62
17) Irrigation – Acre	119.64
18) Construction Purposes – See Schedule “C”	

Where two or more uses are made of a single property or building, multiples or combinations of the user rate shall apply. In the case there is a residence accompanying a commercial undertaking without a definite separation of fixtures available to each use, the applicable rate shall be the higher of the two rates but not both.

2. Quarterly user charges are subject to a 10% penalty if paid after the due date stated on the utility bill notice. All charges including penalties if left unpaid on December 31<sup>st</sup> of the year will be considered taxes payable the following year.

**WATER REGULATIONS AND RATES BYLAW NO. 1388, 2023  
“SCHEDULE B”**

1. The following quarterly meter *rates* shall apply to *water* consumption within the *Town* from metered service connections to the *waterworks system*:

5/8 Inch	\$ 109.33
¾ Inch	\$ 164.34
1 Inch	\$ 245.08
1 ½ Inch	\$ 587.21
2 Inch	\$1,128.09
3 Inch	\$1,611.93
4 Inch	\$3,637.82

In addition to the annual base charge, all consumption shall be charged at the rate of \$1.18 per cubic metre.

**New Connections**

2. Water charges commence on a newly constructed or installed building immediately upon the expiration of six months (one month in the case of a renovated building) from the date of validation of the building permit, provided however, that this amount will be prorated from the effective date to December 31 of the year in which the building is built or renovated.
3. An extension to the 6-month period will be considered providing the builder applies in writing to the *Building Official* prior to the expiration of the 6-month period. Should a request come from the *applicant* after the expiration of the six-month period, an extension may still be granted upon payment of an administration fee of \$32.20 for the first unit and \$13.35 for each additional unit in the same complex. Extensions will be in multiples of one-month periods and are at the discretion of the *Building Official* based on projected construction completion date.

**TOWN OF OSOYOOS**  
**Bylaw No. 1357.09, 2024**

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*A bylaw to amend Water District Rates and Regulations Bylaw No. 1357, 2019*

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**WHEREAS** Council deems it desirable to amend Water District Rates and Regulations Bylaw No. 1357, 2019.

**NOW THEREFORE BE IT RESOLVED THAT** the Council of the Town of Osoyoos, in an open meeting assembled **ENACTS AS FOLLOWS:**

1. This Bylaw may be cited as “Water District Rates and Regulations Amendment Bylaw No. 1357.09, 2024”.
2. Water District Rates and Regulations Bylaw No. 1357, 2019 is hereby amended as follows:
  - a) That section 3. (2-7) be struck and amended to read:  
“(2) The rates to be paid by all the users for the use of water supplied to their premises from the Osoyoos Water District water system shall be those stated in Schedule “A” which is attached to and forming part of this bylaw.”
  - b) “(3) Quarterly user charges in Schedule “A” are subject to a 10% penalty if paid after the due date stated on the utility bill notice. All charges including penalties if left unpaid on December 31<sup>st</sup> of the year will be considered taxes payable the following year and transferred to the Surveyor of Taxes.”
  - c) That Schedule “A” of “Osoyoos Water District Rates and Regulations Bylaw 1357, 2019 is deleted in its entirety and replaced with a revised Schedule “A” that is attached to, and forms part of, this Bylaw.
  - d) That That Schedule “B” of “Osoyoos Water District Rates and Regulations Bylaw 1357, 2019 is deleted in its entirety and replaced with a revised Schedule “B” that is attached to, and forms part of, this Bylaw.

Read a first second and third time on the    day of    , 2024.

Adopted this on the    day of    , 2024.

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MAYOR

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CORPORATE OFFICER



**Town of Osoyoos  
Bylaw No. 1357, 2019  
Schedule "A"**

**A. QUARTERLY FLAT RATES**

<b>DESCRIPTION</b>	<b>BASE RATE</b>
Domestic use	\$199.54 per Dwelling unit
Twinned Domestic use	\$221.72 per Dwelling unit
Campground use	\$54.65 per site
Commercial use	\$255.97 per Commercial unit
Heavy Commercial use	\$638.28 per Heavy Commercial unit
Parcel Irrigation Charge	\$101.35 multiplied by acreage
<b>COMMERCIAL GREENHOUSES</b>	<b>FLAT RATE</b>
250 – 500 square feet	\$22.02
501 – 1000 square feet	\$45.43
1001 – 2000 square feet	\$68.48
2001 – 3000 square feet	\$91.30
3001 – 5000 square feet	\$114.14
5001 – 8000 square feet	\$136.96
8001 – 12000 square feet	\$160.25
12001 – 16000 square feet	\$182.59
16001 – 20000 square feet	\$205.43
20001 – 24000 square feet	\$228.26
24001 - 28000 square feet	\$251.08
28001 – 32000 square feet	\$273.88
32001 – and up square feet	0.81 cents per square foot

- The base rate is charged for each property using the water service.
- If a property is served by more than one water service, multiples or combinations of the base rate shall apply.

**B. QUARTERLY METERED RATES**

5/8 Inch	\$ 109.33
¾ Inch	\$ 164.34
1 Inch	\$ 245.08
1 ½ Inch	\$ 587.21
2 Inch	\$1,128.09
3 Inch	\$1,611.93
4 Inch	\$3,637.82

In addition to the annual base charge, all consumption shall be charged at the rate of \$1.18 per cubic metre.

**C. NEW CONNECTIONS**

Water charges commence on a newly constructed or installed building immediately upon the expiration of six months (one month in the case of a renovated building) from the date of validation of the building permit, provided however, that this amount will be prorated from the effective date to December 31 of the year in which the building is built or renovated.

An extension to the 6-month period will be considered providing the builder applies in writing to the Building Official prior to the expiration of the 6-month period. Should a request come from a builder after the expiration of the six-month period, an extension may still be granted upon payment of an administration fee of \$32.20 for the first unit and \$13.35 for each additional unit in the same complex. Extensions will be in multiples of one-month periods, and are at the discretion of the Building Official based on projected construction completion date.

**Town of Osoyoos  
Bylaw No. 1357, 2019  
Schedule "B" - User Fees**

DESCRIPTION	FEE
Installation of a new service where there is an existing water line on the street.	Minimum \$2,440.00 or actual cost, whichever is greater.
Upgrading of an existing service	Minimum \$2,440.00 or actual cost, whichever is greater.
Connection and inspection to Osoyoos Water District water system	Minimum \$168.00 or actual cost, whichever is greater.
Sealing off of abandoned line	Minimum \$168.00 or actual cost, whichever is greater.
Turn-on and turn-off of water at a time other than the beginning or end of the irrigation season.	\$207.00
Irrigation - Early turn-on (no more than fifteen (15) consecutive days prior to irrigation season start date)	\$1.38/ per acre/per day
Irrigation – Late turn-off for a maximum of fifteen (15) (no more than 15 consecutive days immediately following the end of the irrigation season)	\$41.18 per acre

**WATER OPERATING AND CAPITAL**



For Period Ending 30-Sep-2024

	2025 BUDGET	2024 BUDGET	BUDGET VARIANCE \$	BUDGET VARIANCE %	2024 ACTUAL	2023 ACTUAL
<b>WATER OPERATING FUND</b>						
<b>REVENUES</b>						
<b>WATER UTILITY REVENUE - WATER DISTRICT</b>						
5-1-130-000 WATER DISTRICT - RATES EARNED	-547,000	-503,345	-43,655	8.67	-499,674.25	-320,189.55
5-1-130-002 WATER DISTRICT - CONNECT/INSPECT FEI	-5,000	-5,000	0	0.00	0.00	0.00
5-1-130-003 WATER DISTRICT - PENALTIES & INTEREST	-8,000	-8,000	0	0.00	-17,506.08	-16,628.57
5-1-130-005 WATER DISTRICT - PARCEL IRRIGATION CH	-666,000	-613,725	-52,275	8.52	-612,080.02	-391,612.13
<b>Total WATER UTILITY REVENUE - WATER DI</b>	<b>-1,226,000</b>	<b>-1,130,070</b>	<b>-95,930</b>	<b>8.49</b>	<b>-1,129,260.35</b>	<b>-728,430.25</b>
<b>WATER UTILITY - REVENUE</b>						
5-1-131-000 WATER - RATES EARNED	-3,989,000	-3,617,300	-371,700	10.28	-3,598,917.15	-2,185,925.32
5-1-131-002 WATER - CON & INSPECTION FEES	-10,000	-10,000	0	0.00	-42,545.62	-43,300.90
5-1-131-003 WATER - CAPITAL COST RECOVERED FRO	-500,000	-500,000	0	0.00	0.00	0.00
5-1-131-004 WATER MFA DEBT ISSUE REFUND	0	0	0	0.00	-10,315.69	0.00
5-1-131-005 WATER - PARCEL TAX	-209,400	-209,400	0	0.00	-210,600.00	-226,295.60
5-1-131-009 WATER - ACTUARIAL ADJUSTMENT	0	0	0	0.00	0.00	-15,428.17
5-1-131-010 WATER - TRANS FROM CAP RESERVE	-3,027,500	-2,000,000	-1,027,500	51.38	0.00	0.00
<b>Total WATER UTILITY - REVENUE</b>	<b>-7,735,900</b>	<b>-6,336,700</b>	<b>-1,399,200</b>	<b>22.08</b>	<b>-3,862,378.46</b>	<b>-2,470,949.99</b>
<b>WATER - CAPITAL REVENUES</b>						
5-1-132-000 WATER - APPROPRIATED FROM SURPLUS	-94,646	-436,065	341,419	-78.30	0.00	-337,100.00
5-1-132-001 WATER - INFRASTRUCTURE GRANT	-4,721,898	-8,162,742	3,440,844	-42.15	0.00	-1,608.13
5-1-132-003 WATER - TRANSFER FROM D.C.C.	-102,102	0	-102,102	0.00	0.00	-160,000.00
5-1-132-007 WATER - MFA BORROWING	-2,000,000	-4,300,000	2,300,000	-53.49	0.00	0.00
<b>Total WATER - CAPITAL REVENUES</b>	<b>-6,918,646</b>	<b>-12,898,807</b>	<b>5,980,161</b>	<b>-46.36</b>	<b>0.00</b>	<b>-498,708.13</b>
<b>Total REVENUES</b>	<b>-15,880,546</b>	<b>-20,365,577</b>	<b>4,485,031</b>	<b>-22.02</b>	<b>-4,991,638.81</b>	<b>-3,698,088.37</b>
<b>EXPENSES</b>						
<b>WATER UTILITY - WATER DISTRICT</b>						
5-2-290-000 WATER DISTRICT - SALARIES	162,000	151,100	10,900	7.21	98,323.57	130,605.52
5-2-290-002 WATER DISTRICT - ADMINISTRATION	30,000	20,000	10,000	50.00	20,000.00	20,000.00
5-2-290-003 WATER DISTRICT - MAINT. MATERIALS	92,000	91,840	160	0.17	53,231.05	101,705.52
5-2-290-004 WATER DISTRICT - PUMP MAINT. MATERIAL	52,000	52,000	0	0.00	41,954.72	52,872.56
5-2-290-005 WATER DISTRICT - PUMPHSE MAIT. MATER	3,000	3,120	-120	-3.85	2,473.93	1,594.63
5-2-290-009 WATER DISTRICT - EQUIPMENT COSTS	1,500	1,500	0	0.00	1,403.24	3,577.58
5-2-290-014 WATER DISTRICT - CHLORINE	58,000	50,000	8,000	16.00	57,887.13	42,417.80
5-2-290-015 WATER DISTRICT - SCADA	5,000	5,000	0	0.00	3,879.23	3,601.71
5-2-290-400 WATER DISTRICT - STIPEND	33,000	31,300	1,700	5.43	21,651.33	27,932.37
5-2-290-500 WATER DISTRICT - MAINTENANCE WAGES	339,000	316,540	22,460	7.10	139,488.29	160,524.44
5-2-290-850 WATER DISTRICT - PUMP POWER	220,000	252,150	-32,150	-12.75	187,558.65	175,139.95
5-2-290-999 TRANSFER OF CAPITAL LEASE TO EQUITY	0	0	0	0.00	0.00	-3,048.96
<b>Total WATER UTILITY - WATER DISTRICT</b>	<b>995,500</b>	<b>974,550</b>	<b>20,950</b>	<b>2.15</b>	<b>627,851.14</b>	<b>716,923.12</b>
<b>WATER UTILITY - SUPPLY</b>						
5-2-291-000 WATER - ENGINEERING	20,000	12,500	7,500	60.00	18,953.50	13,675.71
5-2-291-001 WATER - ADMINISTRATION	130,000	105,000	25,000	23.81	105,000.00	105,000.00

**WATER OPERATING AND CAPITAL**



For Period Ending 30-Sep-2024

	2025 BUDGET	2024 BUDGET	BUDGET VARIANCE \$	BUDGET VARIANCE %	2024 ACTUAL	2023 ACTUAL
<b>WATER OPERATING FUND</b>						
5-2-291-002 WATER - MAINTENANCE (MATERIAL)	140,000	100,000	40,000	40.00	126,774.39	98,673.62
5-2-291-003 WATER - PUMP MAINTENANCE (MATERIAL)	50,000	42,030	7,970	18.96	75,042.70	31,746.96
5-2-291-004 WATER - PUMPHOUSE MAINT. (MATERIAL)	10,000	10,000	0	0.00	2,135.09	13,838.19
5-2-291-005 WATER - TRAINING	22,000	20,000	2,000	10.00	18,585.07	14,618.44
5-2-291-006 WATER - GIS	10,000	3,500	6,500	185.71	0.00	2,736.16
5-2-291-007 WATER - EQUIPMENT COSTS	2,300	2,300	0	0.00	1,974.40	4,461.25
5-2-291-009 WATER - CONTINGENCY	50,000	50,000	0	0.00	0.00	38,485.66
5-2-291-010 WATER - TRANSFER TO CAPITAL RESERVE	1,782,770	1,536,966	245,804	15.99	1,536,966.00	264,469.02
5-2-291-012 WATER - BLDG INSP/DEV SVC COSTS	10,500	10,000	500	5.00	10,000.00	9,500.00
5-2-291-014 WATER - CHLORINE	100,000	100,000	0	0.00	67,879.19	118,093.38
5-2-291-015 WATER - SCADA	10,000	10,000	0	0.00	3,879.24	5,018.12
5-2-291-016 WATER - MAJOR MAINT.	50,000	50,000	0	0.00	42,821.89	0.00
5-2-291-400 WATER - STIPEND	32,000	30,000	2,000	6.67	21,289.21	27,708.74
5-2-291-500 WATER - MAINTENANCE (WAGES)	548,000	511,600	36,400	7.11	275,854.63	326,292.29
5-2-291-550 WATER - SALARIES	445,000	415,710	29,290	7.05	264,747.81	377,807.26
5-2-291-850 WATER - PUMP POWER	150,000	109,300	40,700	37.24	104,771.71	110,818.01
5-2-291-999 TRANSFER OF CAPITAL LEASE TO EQUITY	0	0	0	0.00	0.00	-3,661.08
<b>Total WATER UTILITY - SUPPLY</b>	<b>3,562,570</b>	<b>3,118,906</b>	<b>443,664</b>	<b>14.22</b>	<b>2,676,674.83</b>	<b>1,559,281.73</b>
<b>WATER UTILITY - DEBT CHARGES</b>						
5-2-292-000 WATER - INTEREST BYLAW 1185	0	0	0	0.00	0.00	8,664.00
5-2-292-001 WATER - PRINCIPAL BYLAW 1185	0	0	0	0.00	0.00	9,193.75
5-2-292-007 WATER - INTEREST BY-LAW 1348	39,703	39,703	0	0.00	39,702.56	39,702.56
5-2-292-008 WATER - PRINCIPAL BY-LAW 1348	61,773	61,773	0	0.00	61,772.99	61,772.99
5-2-292-030 WATER ACCRUED INTEREST	0	0	0	0.00	0.00	-2,148.23
5-2-292-900 DEPRECIATION EXPENSE	0	0	0	0.00	0.00	375,155.00
5-2-292-999 TRANS OF PRINCIPAL DEBT TO EQUITY	0	0	0	0.00	0.00	-70,966.74
<b>Total WATER UTILITY - DEBT CHARGES</b>	<b>101,476</b>	<b>101,476</b>	<b>0</b>	<b>0.00</b>	<b>101,475.55</b>	<b>421,373.33</b>
<b>WATER - CAPITAL EXPENSES</b>						
5-2-293-000 WATER - GROUNDWATER PRODUCTION W	0	0	0	0.00	0.00	171,077.06
5-2-293-001 WATER - TREATMENT PLANT - DESIGN	0	1,291,509	-1,291,509	-100.00	198,289.16	408,491.07
5-2-293-002 WATER - Ponderosa Dr Watermain Replacem	394,000	0	394,000	0.00	0.00	0.00
5-2-293-003 WATER - UNIVERSAL METERING IMPLEMEN	1,470,000	1,469,203	797	0.05	69,577.01	31,352.22
5-2-293-004 WATER - PUMP UPGRADE - PARK IRRIGATI	0	0	0	0.00	0.00	36,902.88
5-2-293-005 WATER - ASSET MANAGEMENT/MASTER PI	100,000	0	100,000	0.00	0.00	79,689.03
5-2-293-007 WATER - STANDBY POWER - WELLS/BOOS	0	0	0	0.00	0.00	2,491.26
5-2-293-008 WATER - OH&S UPGRADES-PROCESS REC	0	212,911	-212,911	-100.00	0.00	5,102.82
5-2-293-009 WATER - WATER SERVICE EXTENSION	500,000	500,000	0	0.00	19,125.88	1,966.50
5-2-293-010 WATER - RESERVOIR UPGRADES - 340 RE	0	0	0	0.00	3,248.00	123,803.03
5-2-293-012 WATER - Quail Place Watermain Upgrades	232,000	0	232,000	0.00	0.00	0.00
5-2-293-013 WATER - LCD Portable Electronic Signs	55,000	0	55,000	0.00	0.00	0.00
5-2-293-014 WATER - FLOOD WORKS	556,000	555,642	358	0.06	22,887.93	1,608.13
5-2-293-019 WATER - CHLORINATION	0	137,380	-137,380	-100.00	0.00	12,201.55
5-2-293-023 WATER - SCADA UPGRADES	0	0	0	0.00	0.00	93,875.30
5-2-293-027 Water Rate Dev, Imp & Conservation Plan	125,000	0	125,000	0.00	0.00	0.00
5-2-293-030 WATER - RURAL AREA TWINNING	0	0	0	0.00	0.00	20,673.00

**WATER OPERATING AND CAPITAL**



For Period Ending 30-Sep-2024

	2025 BUDGET	2024 BUDGET	BUDGET VARIANCE \$	BUDGET VARIANCE %	2024 ACTUAL	2023 ACTUAL
<b>WATER OPERATING FUND</b>						
5-2-293-100 WATER - 74TH AVE WATER MAIN UPSIZING	714,000	2,175,000	-1,461,000	-67.17	15,290.50	0.00
5-2-293-101 WATER - WELLS AUXILLIARY POWER	0	150,000	-150,000	-100.00	0.00	0.00
5-2-293-201 WATER - CONSERVATION PLAN	0	50,000	-50,000	-100.00	0.00	0.00
5-2-293-202 WATER - GROUNDWATER PROTECTION PL	0	100,000	-100,000	-100.00	0.00	0.00
5-2-293-203 WATER - MAGNOLIA PLACE	321,000	375,000	-54,000	-14.40	2,764.00	0.00
5-2-293-205 WATER - 340-402 BOOSTER	850,000	850,000	0	0.00	0.00	0.00
5-2-293-206 WATER - METERING	3,204,000	3,204,000	0	0.00	2,543.75	0.00
5-2-293-208 WATER - TREATMENT PLANT	2,500,000	4,900,000	-2,400,000	-48.98	159,569.06	0.00
5-2-293-300 WATER - CENTRAL 74TH	0	0	0	0.00	23,661.30	0.00
5-2-293-309 WATER - EAST OSOYOOS RESERVOIR	200,000	200,000	0	0.00	0.00	0.00
5-2-293-999 TRANS OF TANGIBLE CAP ASSETS TO EQU	0	0	0	0.00	0.00	-297,674.00
<b>Total WATER - CAPITAL EXPENSES</b>	<b>11,221,000</b>	<b>16,170,645</b>	<b>-4,949,645</b>	<b>-30.61</b>	<b>516,956.59</b>	<b>691,559.85</b>
<b>Total EXPENSES</b>	<b>15,880,546</b>	<b>20,365,577</b>	<b>-4,485,031</b>	<b>-22.02</b>	<b>3,922,958.11</b>	<b>3,389,138.03</b>
<b>Total WATER OPERATING FUND</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>-1,068,680.70</b>	<b>-308,950.34</b>
<b>Total Surplus (-)/Deficit</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>-1,068,680.70</b>	<b>-308,950.34</b>

# REPORT



## Council

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**MEETING DATE:** October 25, 2024

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**TO:** Mayor and Council

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**CC:** Rod Risling, CAO

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**FROM:** Jim Zakall, Director of Financial Services

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**SUBJECT:** **2024 Projects carried forward to 2025 for completion – Water Fund**

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## BACKGROUND

To report to Council on the projects being carried forward that were approved in 2024 under Financial Plan Bylaw 1386.01

## OVERVIEW

The projects carried forward in the Water Fund are:

	Budget	Spent to Date
Universal Water Metering	\$1,470,000	
Water Metering	\$3,204,000	
Water – Water Service Extension	\$500,000	
74 <sup>th</sup> Avenue Watermain Upsizing, Heron Lane, Loon	\$2,175,000	revised to \$714,000 with scope change
Magnolia Place	\$375,000	revised to \$321,000 with new costing
Floodworks	\$556,000	
East Osoyoos Reservoir Design	\$200,000	
340-402 Booster and 340 Reservoir PRV	\$850,000	2025 \$1,150,000 2026 costs revised with new costing

All noted projects can be found in the 2024 budget document. Carry forward balances will be adjusted by actual funds spent to date by December 31, 2024.

Water Fund

Responsible

SOURCE OF FUNDING :

Project Description	Director	GL Number	Amount	Operating	GRANTS	BORROWING	RESERVES	D.C.C.'s	OTHER	TOTAL	Descriptions
Universal Water Metering (2024 CF)		52293-003	1,470,000	0			1,470,000			1,470,000	
Water Metering (2024 CF)		52293-206	3,204,000	0	1,204,000	2,000,000				3,204,000	GCF
Water - Water Service Extension (2024 CF)		52293-009	500,000	0					500,000	500,000	
74th Ave Water Main Upsizing, Heron Lane Loon (2024 CF)		52293-100	714,000	0	611,898			102,102		714,000	CWF
Magnolia Place Water Replacement (2024 CF)		52293-203	321,000	0			321,000			321,000	
Floodworks (2024 CF)		52293-014	556,000	0	556,000					556,000	Flood Mitigation
East Osoyoos Reservoir Design (2024 CF)		52293-309	200,000	0			200,000			200,000	
340-402 Booster and 340 Reservoir PRV (2024 CF)		52293-205	850,000	0	850,000					850,000	GCF
Ponderosa Dr Watermain Replacement		52293-002	394,000	317,854			76,146			394,000	
Water District Agricultural Asset Management Plan		52293-005	100,000	100,000						100,000	
Quail Place Watermain Upgrades		52293-012	232,000	232,000						232,000	
Water Rate Development, Implementation & Conservation Plan		52293-027	125,000	125,000						125,000	
Surface Water Treatment Plant		52293-208	4,910,000	0	2,210,000		2,700,000			4,910,000	WTP Grant
LCD Portable Electronic Signs		52293-013	55,000	0			27,500		27,500	55,000	RMI
<b>Total</b>			<b>13,631,000</b>	<b>774,854</b>	<b>5,431,898</b>	<b>2,000,000</b>	<b>4,794,646</b>	<b>102,102</b>	<b>527,500</b>	<b>13,631,000</b>	

**Available Funds**

**774,854**

- Available funds for 2024 \$771,838
- Available funds for 2023 \$574,521
- Available funds for 2022 \$571,845
- Available funds for 2021 \$653,880
- Available funds for 2020 \$654,616
- Available funds for 2019 \$587,160



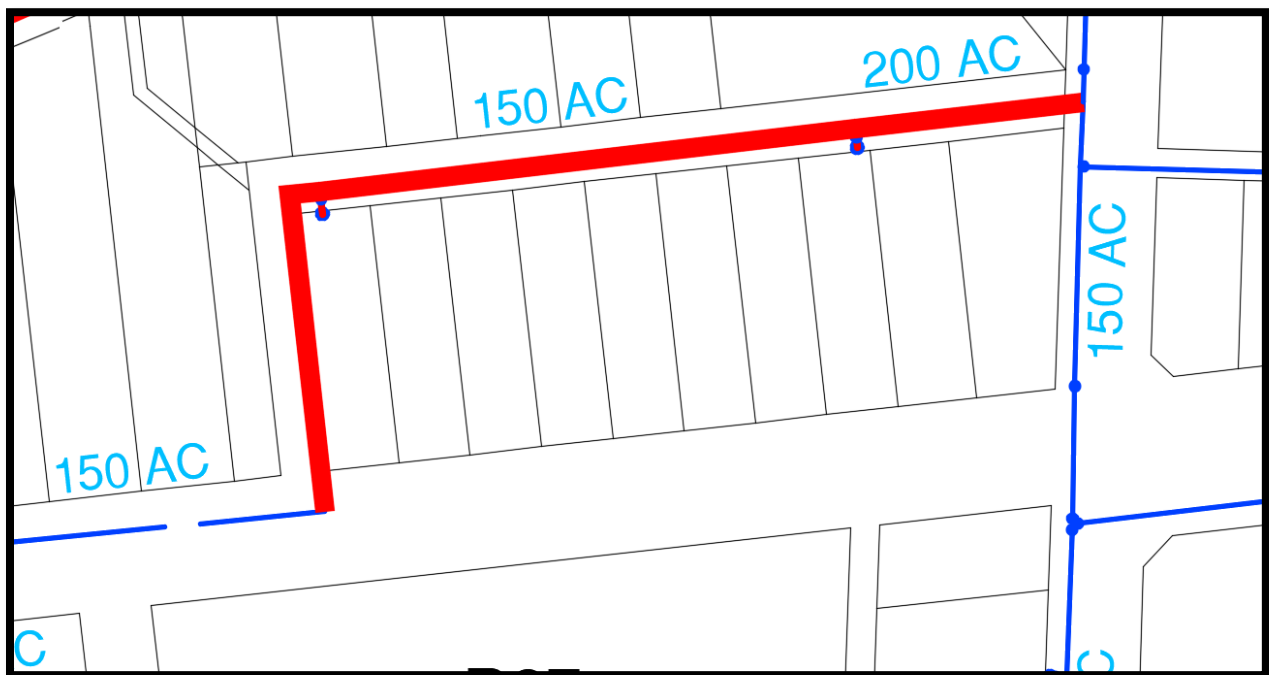
# Project W7 and S8: Ponderosa Dr. Sanitary Upgrades and Watermain Replacement

**Priority:** High

**Type:** Replacement

**Trigger:** Asset Management

## Location Map



Ponderosa drive is a low volume local road that runs between Highway No.3 and Cottonwood drive to service 17 properties. This segment is 235m in length and averages 5.5m in width.

Sanitary sewers in this section have been a location that required frequent maintenance. Through field investigation, it has been discovered that the sanitary sewer has been constructed with reverse slope for the majority of the segment. It is recommended that this sewer segment be replaced as soon as practical. Surface replacements for this are being done as trench repair (i.e. not full road asphalt surface).

In the best interest of construction practice, the water system should be replaced concurrently followed by full road base gravels and asphalt replacement. The attached capital estimate considers cost beyond the replacements for the sanitary sewer.

The project scope is defined on drawing 797-321-SK1 following:

- Replacement of +/-1180 sq. m of asphalt c/w boulevard restoration
- Water system upsizing / replacements of aging AC piping

**Water Cost Estimate (Class D)**

<b>DESCRIPTION</b>	<b>TOTAL PAYMENT</b>
<b>Part 1.0 - Removals</b>	<b>\$19,800.00</b>
<b>Part 2.0 - Water System</b>	<b>\$177,860.00</b>
<b>Part 3.0 - Roadworks</b>	<b>\$104,700.00</b>
<b>Subtotal Parts 1.0 – 3.0</b>	<b>\$302,360.00</b>
<b>Contingency &amp; Engineering (30%)</b>	<b>\$90,708.00</b>
<b>Total Contract Sum</b>	<b>\$393,068.00</b>

**Sanitary Cost Estimate (Class D)**

<b>DESCRIPTION</b>	<b>TOTAL PAYMENT</b>
<b>Part 1.0 - Removals</b>	<b>\$54,230.00</b>
<b>Part 2.0 – Sanitary System</b>	<b>\$229,200.00</b>
<b>Part 3.0 - Roadworks</b>	<b>\$109,400.00</b>
<b>Subtotal Parts 1.0 – 3.0</b>	<b>\$392,830.00</b>
<b>Contingency &amp; Engineering (25%)</b>	<b>\$98,207.50</b>
<b>Total Contract Sum</b>	<b>\$491,037.50</b>



# 340 RESERVOIR SANITARY SEWER PONDEROSA DR. WATER UPGRADES



DESIGN BY: TT	
SCALE: 1:500	
DWG NO.:	REV:
<b>SK1</b>	
797-321	19
DRAWN BY: TT	
DATE: SEPT 2024	

FILE:clients\700-799\97\97-321\03 drawings\97-321 sanitary mains.dwg

# REPORT



## Capital Budget Project

PROJECT YEAR:	2025
PROJECT CARRY-OVER	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PROJECT NAME:	Water District Agricultural Asset Management Plan
GRANT FUNDED:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pending <input type="checkbox"/>
PROJECT COSTS:	\$ 100,000.00
BUSINESS PLAN NO.:	
TO:	Mayor and Council
CC:	Rod Risling, CAO
FROM:	Jim Zakall, Director of Financial Services

### PROJECT DESCRIPTION (What is to be completed)

To create a Master plan as well as an accompanying Asset Management Plan for the Town's agricultural system. The project will address the following for the community:

- Master Plan
  - Assess Present and Future Requirements
  - Identify and Prioritize Capital Improvement Projects
- Asset Management
  - Review existing infrastructure
  - Assess life spans
  - Identify replacement schedules

Both the Master Plan and the Asset Management Plan will provide funding related information to achieve the specific goals identified in each plan.

### PURPOSE/GOALS (Why do we need this project)

#### Master Plan

*“Substantial infrastructure investment by water utilities is essential in order to keep pace with population growth, meet regulations, deliver adequate services, and protect public health and the environment. These large expenditures in order to maintain and improve water supply, wastewater management, and water reuse require that utilities create a master plan for future needs. A master plan works to define a system-wide integrated water supply, wastewater, and reuse capital improvement strategy to meet needs up to the planning horizon.*

*A master plan is a road map consisting of a series of programs for a utility to undertake in the short (0-to-5 years), medium (6- to-15 years) and long (16-to-25 years) terms. These timeframes are known as the planning horizon, and*

*the programs act to guide the utility’s capital improvement projects (CIP) with respect to water, wastewater, and reuse infrastructure.”<sup>1</sup>*

## **Asset Management**

*“Asset management helps communities manage municipal infrastructure assets and make better investment decisions. It also helps you reduce risks so you can provide reliable and affordable services and a high quality of life to the community.”<sup>2</sup>*

*These pieces of infrastructures have a defined service life. As these assets age and deteriorate the issue that municipalities are grappling with is how to manage them in such a way to ensure that the full service life is reached and to have in place a mechanism to enable their replacement.*

*The term asset management, is defined as “the application of sound technical, social and economic principles that considers present and future needs of users, and the service from the asset”<sup>3</sup>*

## **ESTIMATED TIME FRAME FOR COMPLETION**

Request for Proposals	First Quarter 2025
Data Collection	Second and Third Quarter 2025
Final Report	First Quarter 2026

## **PROJECT IMPLEMENTATION (How will it be completed – Internally/Consultant/Contractor. | Identify known funding impacts/status report if carry-over project.)**

Third party engineering consultant and internal staff.

## **PUBLIC CONSULTATION (Will this be required)**

There will be a public engagement aspect of this project to allow for input with regards to capital planning, etc.

## **BUDGET**

Water	\$ 100,000.00
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## **POTENTIAL IMPACTS IF PROJECT NOT APPROVED**

The Town will continue to address capital renewal and asset management ineffectively and may further jeopardize our ability to apply for and be successful on federal and provincial grant funding.

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<sup>1</sup> <https://gaiconsultants.com/water-master-plan-101/>

<sup>2</sup> <https://fcm.ca/en/programs/municipal-asset-management-program>

<sup>3</sup> [https://www.assetmanagementbc.ca/wpcontent/uploads/Guide\\_to\\_Developing\\_a\\_Municipal\\_Asset\\_Management\\_Policy\\_DRAFT-LGAMWG-October\\_2009-1.pdf](https://www.assetmanagementbc.ca/wpcontent/uploads/Guide_to_Developing_a_Municipal_Asset_Management_Policy_DRAFT-LGAMWG-October_2009-1.pdf)

## 2025 Capital Plan

# Project W13, S7 and R6: Quail Place Reconstruction

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Quail Place provides access to 20 residential lots and is 200m in length and has an average pavement width is 6.5m. The existing sanitary sewers and watermains are aging AC with the latter being undersized. Localized storm sewers exist yet the underground drywells are not performing as intended due to their age.

The conceptual project scope is illustrated on drawing 302-658-SK5 and outlined following:

- Replacement of gravel road structure
- 8m paved road surface c/w concrete curb & gutter
- Water system upsizing / replacements of aging AC pipe
- Sanitary sewer replacement of aging AC
- Localized storm sewers consisting of catch basins and drywells

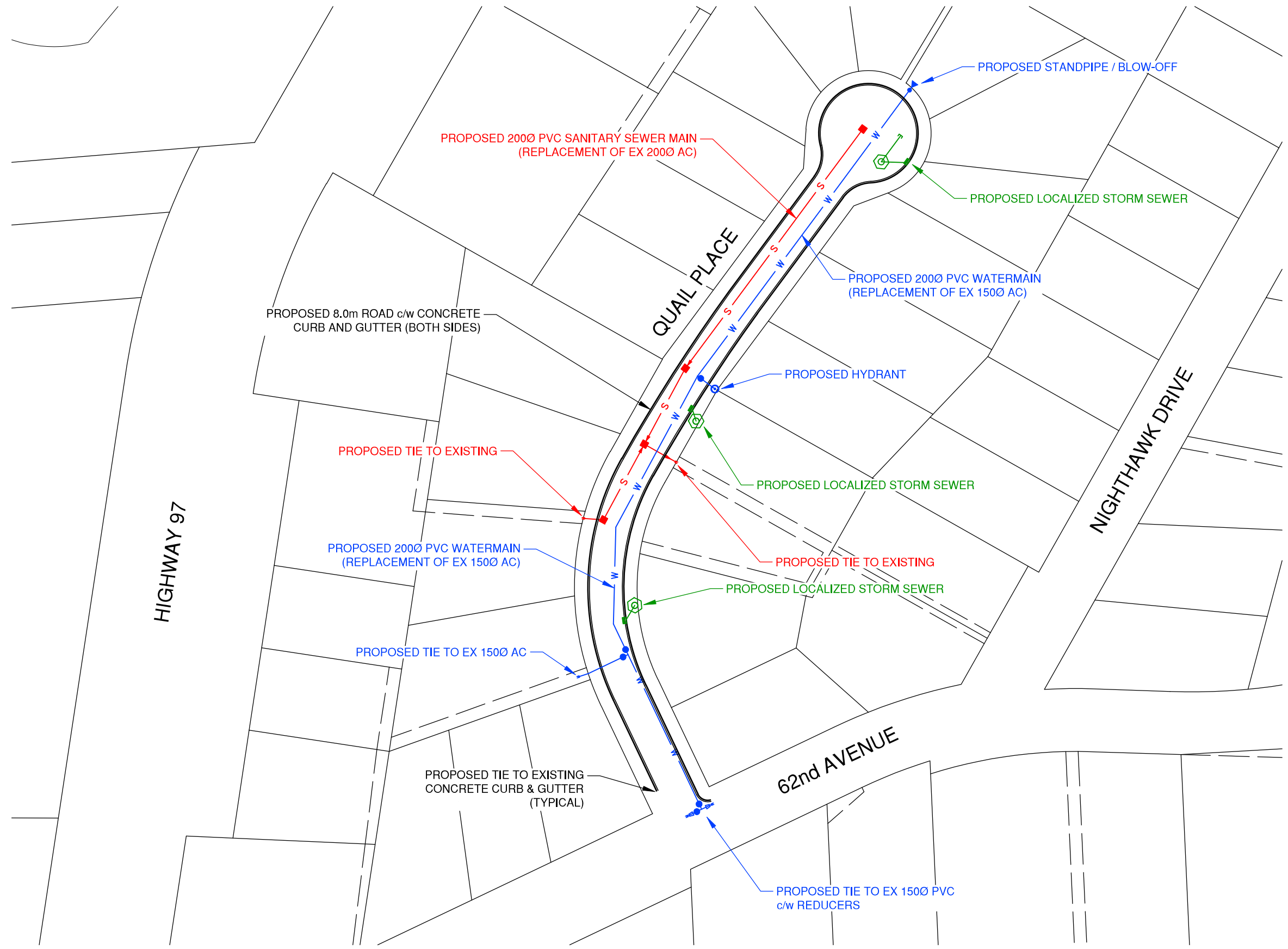
Capital cost estimate:

\$548,424 (Roads)

\$231,452 (Water)

\$146,328 (Sanitary

\$926,204



**TOWN OF OSOYOOS**  
**QUAIL PLACE RECONSTRUCTION**



DRAWN BY: TT  
 DATE: OCT 2024

DESIGN BY: TT	
SCALE: 1:1000	
DWG NO.:	REV:
<b>SK5</b>	
302-658	
23	

FILE: \\clients\300-399\302\302-658\03 drawings\02 design drawings\01-302-658-roads.dwg

# REPORT



## Capital Budget Project

<b>PROJECT YEAR:</b>	2025
<b>PROJECT CARRY-OVER</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>PROJECT NAME:</b>	Water Rate Development, Implementation & Conservation Plan
<b>GRANT FUNDED:</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pending <input type="checkbox"/> \$
<b>PROJECT COSTS:</b>	\$ 125,000.00
<b>BUSINESS PLAN NO.:</b>	
<b>TO:</b>	Mayor and Council
<b>CC:</b>	Rod Risling, CAO
<b>FROM:</b>	Jim Zakall, Director of Financial Services

### PROJECT DESCRIPTION (What is to be completed)

Complete water rates restructure, implementation strategy and an update of the community's Water Conservation Plan.

### PURPOSE/GOALS (Why do we need this project)

With the installation of water meters and the transition to billing based on metered usage a review and restructure of the water rates needs to be completed along with an implementation strategy. In addition the current Water Conservation Plan was last updated in 2010 and with the installation of water metering, a water treatment facility and other water improvements, the Conservation Plan needs to be updated to reflect our current water system.

### ESTIMATED TIME FRAME FOR COMPLETION

Fourth Quarter 2025.

### PROJECT IMPLEMENTATION (How will it be completed – Internally/Consultant/Contractor. | Identify known funding impacts/status report if carry-over project.)

Work will be completed by third party consultants.

### PUBLIC CONSULTATION (Will this be required)

Stakeholder engagement will be part of the process.

### POTENTIAL IMPACTS IF PROJECT NOT APPROVED

The Town of Osoyoos may have issues with meeting grant funding requirements for future water related projects.



**To:** Her Worship Mayor McKortoff and Members of Council  
**From:** Rod Risling, CAO  
**Date:** October 22, 2024  
**Subject:** Surface Water Treatment Plant Update  
**Tracker No:** AI-657

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## **RECOMMENDATION:**

That the Committee receive this update as information.

## **CAO Comments:**

N/A

## **Executive Summary:**

The water treatment plant project update is provided for Council information purposes. In Q3 and Q4, work has been ongoing related to program development, water quality sampling from Osoyoos Lake, planning and procurement for a surface water piloting facility, and planning for an archaeological overview assessment.

In September 2024, the Province recommended Osoyoos complete a value analysis. The scope of this analysis and its integration into the program of work is underway.

## **Background:**

### **Program Development**

Colliers was retained to support program development and provide advisory support on financial services and project delivery. Below is a summary of the work completed since Colliers was retained in August 2024.

- Project Budget
- Risk Workshop
- Project Delivery Review
- Project Schedule
- Capital Re-Prioritization Workshop

Work that is planned to be complete prior to the end of December, 2024 includes:

- Finalize Program Plan,
- Value Analysis,
- Market Sounding, and
- Financial Analysis.

The request for the value analysis by the Province of British Columbia will require adjustments to project planning, including to the project scope, schedule, and budget. Revisions to the project schedule will be made as the requirements of the value analysis are finalized.

## Project Budget & Risk Workshop

The budget for the project was reviewed to consider all project costs. This included the completion of a risk workshop with Town staff, True Engineering, and Colliers Project Leaders. Inputs were provided by Carollo Engineers. A budget for value analysis was added based on the Province recommendation for a value analysis exercise. Risk contingency will be revised after water treatment plant site decision.

	Budget Item	\$	Comments
<b>1</b>	<b>Consultants</b>	\$ 14,694,799	
1.01	Project Management (assume 3.5%)	\$ 2,046,909	
1.02	Engineering Subtotal (assume 15%)	\$ 8,772,465	
1.03	Geotechnical Studies	\$ 150,000	
1.04	Archaeology	\$ 150,000	
1.05	Legal	\$ 150,000	
1.06	Sampling and Piloting Consulting Services	\$ 590,000	Includes engineering services for sampling and piloting, electrical engineering, sampling (excluding labs), as well as operations of piloting facility. Includes \$40K contingency recommended by Carollo in Pilot Testing Plan.
1.07	Communications/Community Engagement	\$ 300,000	
1.08	Funding Reporting Deliverables	\$ 200,000	Energy and Environmental Design, Asset Management - Levels of Service, Water Conservation Plan, Asset Profile
1.09	Design Contingency	\$ 1,935,425	Updated based on risk register; \$1.26M is site-dependent and will be adjusted based on determination of site.
1.10	Value Analysis	\$ 400,000	Province requirement for value analysis
<b>2</b>	<b>Contractors</b>	\$ 59,503,100	
2.01	Capital cost estimate subtotal	\$ 45,237,000	Carollo 2024 Source Water Assessment report - Construction of Intake, Pipeline, Water Treatment Plant per April 2024 Committee of the Whole presentation.
2.02	Sampling and Piloting Contractors	\$ 770,000	Supply and install sampling equipment - diving, sample skid, electrical; Supply and install piloting skid, electrical contractor, civil works.
2.03	30% Capital contingency	\$ 13,496,100	30% capital cost contingency
<b>3</b>	<b>Land Acquisition</b>	\$ 3,000,000	
3.01	Land Acquisition - WTP	\$ 3,000,000	If not required for land acquisition, intent is to transfer budget to contingency to cover rock blasting if Town site is chosen.
<b>4</b>	<b>Permitting and Miscellaneous</b>	\$ 75,000	
4.01	Permitting	\$ 15,000	
4.02	Lab Fees	\$ 40,000	
4.03	Project Signage	\$ 20,000	
<b>5</b>	<b>Contingency</b>	\$ 3,146,800	
5.01	Project Contingency	\$ 3,146,800	Updated based on risk register; \$1.92M assumed for escalation, inflation, and interest rates to cover difference in costs from 2024 to construction contract execution, as well to cover a year in delays due to insufficient budget.
<b>TOTAL</b>		<b>\$ 80,419,699</b>	

## ***Project Delivery Review***

A project delivery workshop was held to discuss the advantages and disadvantages of various project delivery methods. The project delivery methods discussed included design bid build, design build, construction management at risk, progressive design-build, and integrated project delivery. The Town, True Engineering, and Colliers Project Leaders were in attendance at the workshop. Town administration confirmed that the preferred project delivery method would be progressive design build for the following reasons.

1. Contractor collaboration
  - a. This model is an integrated project team with the contractor engaged from inception through development of the design, allowing for design and schedule efficiencies which translate into cost efficiencies.
2. Schedule risk management
  - a. This model allows for an award of construction to the awarded Progressive Design Build team if the Guaranteed Maximum Price is deemed acceptable and funding has become available and allows for expediting construction ahead of typical design-bid-build contracts.
3. Cost risk management and option to opt out (Contract Off Ramp)
  - a. In this model the owner retains the right to not proceed with construction after design completion and the Guaranteed Maximum Price (the cost to construct the facilities) is confirmed by the proponent.
4. Balance of resource requirements
  - a. This model allows for collaborative contractor input while minimizing owner input for example compared to an Integrated Project Delivery which requires significant owner input throughout the project lifecycle.

The next step in project delivery selection is to proceed with market sounding to obtain local market input into the project delivery, methodology, and project risk management.

## ***Project Schedule***

Below is the program milestone schedule based on a progressive design build delivery. This does not include adjustments for completion of the Province’s requested value analysis which will be integrated for the next project update.

<b>Milestone</b>	<b>Anticipated Completion Date</b>
Procurement Options Analysis	November 2024
Sampling and Piloting Completion	October 2025
Progressive Design Build RFP Award	April 2025
Preconstruction Services Contract: <i>Preliminary Design Completion</i>	Q4 2025
Preconstruction Services Contract: <i>Detailed Design</i>	Q1 2026
Confirm Guaranteed Maximum Price	Q1 2026
Construction – Substantial Completion (in Service)	Q1 2028

Milestone	Anticipated Completion Date
Completion	Q3 2028

## Osoyoos Lake Water Quality Sampling

Water quality sampling planning initiated in June 2024. A sampling program was developed to enable continuous water sampling from the lake at a depth equal to the existing intake at the irrigation pump station 8, as well as grab samples at a 30 metre depth which is the proposed depth for the proposed surface water intake. The data will be used to improve the design of the new water treatment facility.

Interior health is a proponent of the sampling program and has verbally supported executing the work as soon as possible to better understand the lake water quality during the critical fall period when the lake turns over.

Carollo Engineers was hired to provide oversight and analysis and reporting of data from samples collected by Larratt aquatic.

Sampling began on August 29<sup>th</sup>, 2024. Quarterly meetings are planned with Interior Health to provide updates on the analysis of data.

## Surface Water Piloting

An RFP was developed and advertised in September 2024 to retain a technology vendor to design, supply, and commission a water treatment piloting facility. The Town and an engineering contractor will complete the installation of the facility at the location of the irrigation 8 pump station. Upon completion of the commissioning, it is anticipated that Carollo will oversee the piloting facility operations; operations will be undertaken by Reseau consulting. Reseau consulting was the operator for the groundwater piloting facility in Q4 2023 and Q1 2024.

The RFP is anticipated to close on November 15<sup>th</sup>, after which the work will be awarded to the highest scored Respondent. The facility is planned to operate until October 2025.

## Options / discussion

1. None

## Implications:

- a) Community – To provide the Community and outside Town boundary customers with an adequate amount of potable water that meets or exceeds water quality standards/guidelines.
- b) Organizational – The project will require a significant amount of internal resources to complete.
- c) Budget
  - a. Financial/Risk Implications – The largest project ever undertaken by the Town. Firmer estimates will be available as more information becomes available. Additional grant funding is being, and will continue to be, pursued.

- d) Significant Dates – Target completion of a water plant is 3<sup>rd</sup> quarter of 2028.
- e) Sustainability – Providing potable water that meets all water regulations and guidelines is a necessity of a community's health and tourist attraction.

**Others Consulted:**

Financial Services

**Attachments:**

None

# REPORT



## Capital Budget Project

PROJECT YEAR:	2025
PROJECT CARRY-OVER	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PROJECT NAME:	LCD Portable Electronic Signs – MOTI - approved for use on highways
GRANT FUNDED:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Pending <input type="checkbox"/> \$27,500 RMI
PROJECT COSTS:	\$55,000 (50% from Resort Municipality Funds and 50% from Water budget)
BUSINESS PLAN NO.:	
TO:	Mayor and Council
CC:	Rod Risling, CAO
FROM:	Amy Robinson, Deputy Corporate Officer

### PROJECT DESCRIPTION (What is to be completed)

Purchase one 63" x 98" and one 37" x 131" LCD Ministry of Transportation and Infrastructure (MOTI)-approved portable public messaging signs to establish an additional channel of civic communication.

### PURPOSE/GOALS (Why do we need this project)

The Town currently communicates with residents and visitors through multiple channels including e-news, website, and newspaper and radio ads. During the summer of 2024, the Town installed two of the MOTI-approved message signs on Main Street, one in front of the municipal hall and one on the median in the 8100 block of Main Street (near Nesters food market).

The signs proved to be an effective method of communication. Following placement of the signs with messaging about the Town's watering restrictions, improved compliance was noted which in turn allowed the Town to maintain a two-day-per-week watering schedule all summer. The sign's effectiveness was again demonstrated when they were removed, and compliance dropped. These signs could be moved to various locations throughout the Town to meet different communication needs such as community events, emergency alerts, and special Council meetings.

The Town could continue renting the message boards; however, the rental cost from June 16, 2024, to August 22, 2024, totaled \$13,479.48. If the Town were to purchase the units instead, the cost would be equivalent to approximately 38 weeks of renting. Further, rental customers are unable to move the units if required (ATS must relocate them for a fee) and must contact ATS to update the sign's message, so owners have more flexibility in the use of the sign.

*Note that Administration is also researching the possibility of a static colour sign for the entrance to town as a 2025 budget proposal. Should that proposal be submitted, it may recommend an amendment to this request.*

### ESTIMATED TIME FRAME FOR COMPLETION

1 year

### PROJECT IMPLEMENTATION (How will it be completed – Internally/Consultant/Contractor. | Identify known funding impacts/status report if carry-over project.)

This project is being quoted through ATS Traffic. The net total cost to purchase two message boards is \$49,826.21 plus \$3,577.23 PST (GST of \$2,555.17 would be rebated).

### PUBLIC CONSULTATION (Will this be required)

No consultation.

**POTENTIAL IMPACTS IF PROJECT NOT APPROVED**

The rented LCD signs proved to be an effective tool for improving communication and educating both residents and visitors. Removal of the signs diminished our capacity to communicate and triggered decreased bylaw compliance. If the signs are not approved, the Town would continue to communicate through existing channels..



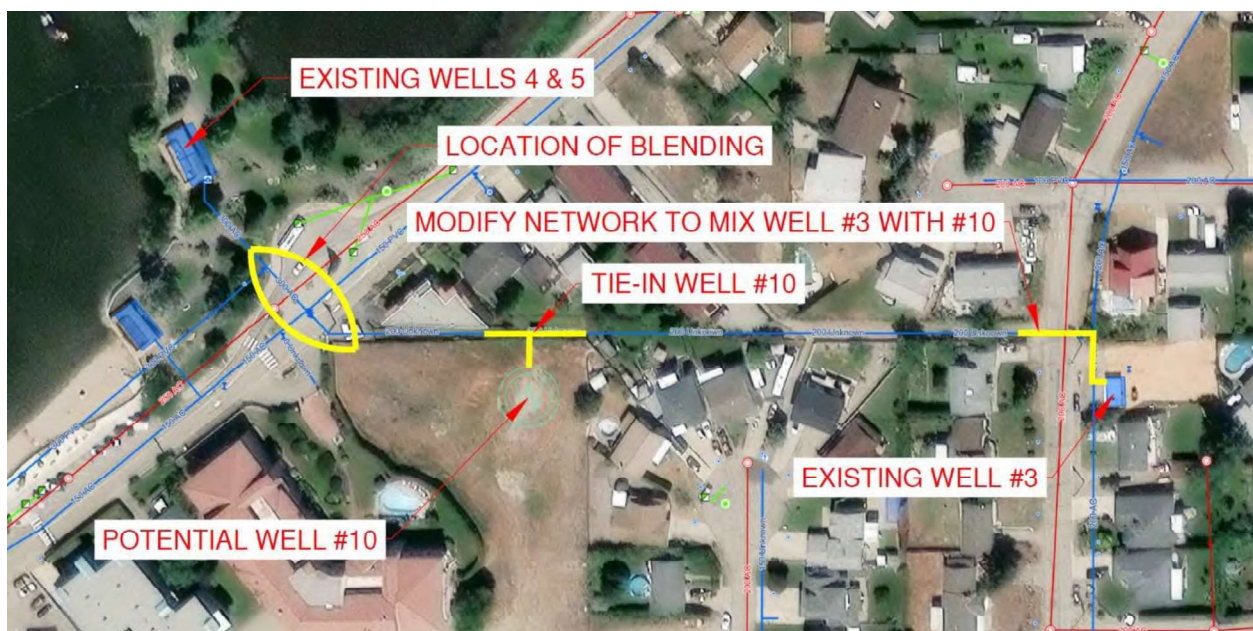
## Project W17: Well #10 Implementation

**Priority:** High

**Type:** Upgrade

**Trigger:** Growth, Future Planning

### Location Map



### Issue

An additional source well is immediately required to meet water demand and achieve system resilience by operating under the n-1 principle. This principle states that the system should meet demand with the largest pump out of service, allowing one pump to fail without a service disruption.

### Scope

To bring Well #10 online, the Town would have to conduct the following:

- Drill a 300ø (estimated) production well in the vicinity of WPID 28646
- Perform well development, including sampling to prove water quality
- Install pump, motor, electrical kiosk, headworks, flow meter, power, and SCADA
- Tie the proposed Well 10 to the existing water distribution system
- Modify the existing distribution system to direct and ensure appropriate blending





- Update SCADA control of the wells to ensure appropriate mixing
- Obtain IHA construction permit for the above
- Complete required archeological investigations / studies
- Obtain appropriate discharge permitting for well testing and development

**Cost Estimate (Class D)**

<b>DESCRIPTION</b>	<b>TOTAL PAYMENT</b>
<b>WWAL Fees</b>	<b>\$ 60,000.00</b>
<b>Well Drilling and Testing</b>	<b>\$ 240,000.00</b>
<b>Kiosk and Controls</b>	<b>\$ 125,000.00</b>
<b>Electrical service</b>	<b>\$ 250,000.00</b>
<b>Vertical Turbine Pump and Motor</b>	<b>\$ 120,000.00</b>
<b>Insulated Seacan Building</b>	<b>\$ 50,000.00</b>
<b>Well #10 Tie-in</b>	<b>\$ 25,000.00</b>
<b>Site Works (grading, dry well, etc)</b>	<b>\$ 75,000.00</b>
<b>Archeological Works</b>	<b>\$ 100,000.00</b>
<b>Mechanical (check valve, flow meter, etc)</b>	<b>\$ 80,000.00</b>
<b>Subtotal</b>	<b>\$ 1,125,000.00</b>
<b>Design and Contingency (30%)</b>	<b>\$ 337,500.00</b>
<b>Total</b>	<b>\$ 1,462,500.00</b>



Our File: 302-658  
October 1, 2024

## 2026 Capital Plan

# Project W18 and R7 (S17) Gala Crescent Resurfacing

---

As noted in the *Road Condition Assessment and Upgrade Plan* in July 2015, Gala Crescent is slated to be upgraded by milling and repaving beginning at Gravenstein Drive and ending at Quince Lane. This segment is +/-245m in length and has an average pavement width of 7m. Storm sewer collection and water system upsizing / replacements would ideally occur at the same time. The Project scope is defined on drawing 302-658-SK4 following along with the Capital project cost estimate.

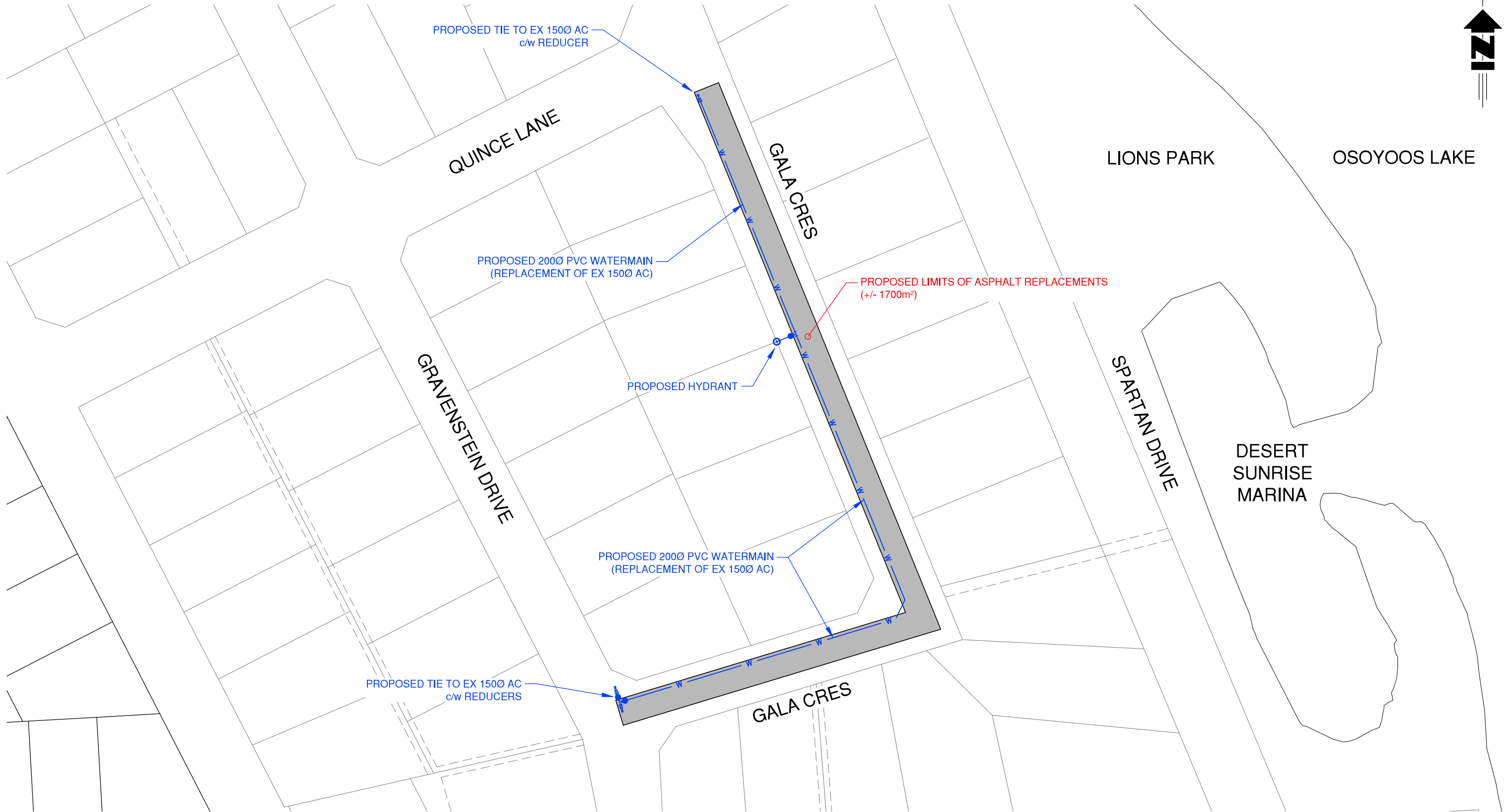
This work is recommended to be completed simultaneously with Project S17: Gala Lift Station Replacement.

Capital cost estimate:

\$171,795 (Roads)

\$220,350 (Water)

\$392,145



**TOWN OF OSOYOOS**  
**GALA CRESCENT RESURFACING**



DRAWN BY: TT  
DATE: SEPT 2024

DESIGN BY: TT	
SCALE: 1:1000	
DWG NO.:	REV:
<b>SK4</b>	
302-658	
35	

FILE: \clients\300-399\302\302-658\03 drawings\02 design drawings\01-302-658-roads.dwg



Our File: 302-2041  
October 1, 2024

## 2026 Capital Plan

# Project W19, S9, and R8 Harbour Key Drive Reconstruction and Sanitary Sewer CIPP Lining

---

This section of Harbour Key Drive represents a length of 560m, has an average pavement width of 7.2m and is subject to flooding. The existing pavement surface has extensive cracking and failures of all types suggesting base gravels are deficient. The complete lack of any storm sewer collection is a large contributing factor. CCTV inspections of the existing sanitary sewer system, completed in the fall of 2022, indicate the AC mainlines installed in the late 1960's are beyond their life expectancy. All existing sanitary sewers were found to be sagging, have extreme surface spalling, and contain tension/compression cracking, and be leaking through joints.

Detailed design was completed to 90% during the winter of 2022 which entailed:

- Replacement of gravel road structure and asphalt surface to 7m width
- Water system upsizing / replacements of aging AC pipe
- Localized sanitary sewer repairs followed by CIPP lining of 690m of mainline
- Localized storm sewer catch basins and drywells
- Erosion protection at the eastern end consisting of filter fabric and angular rip-rap

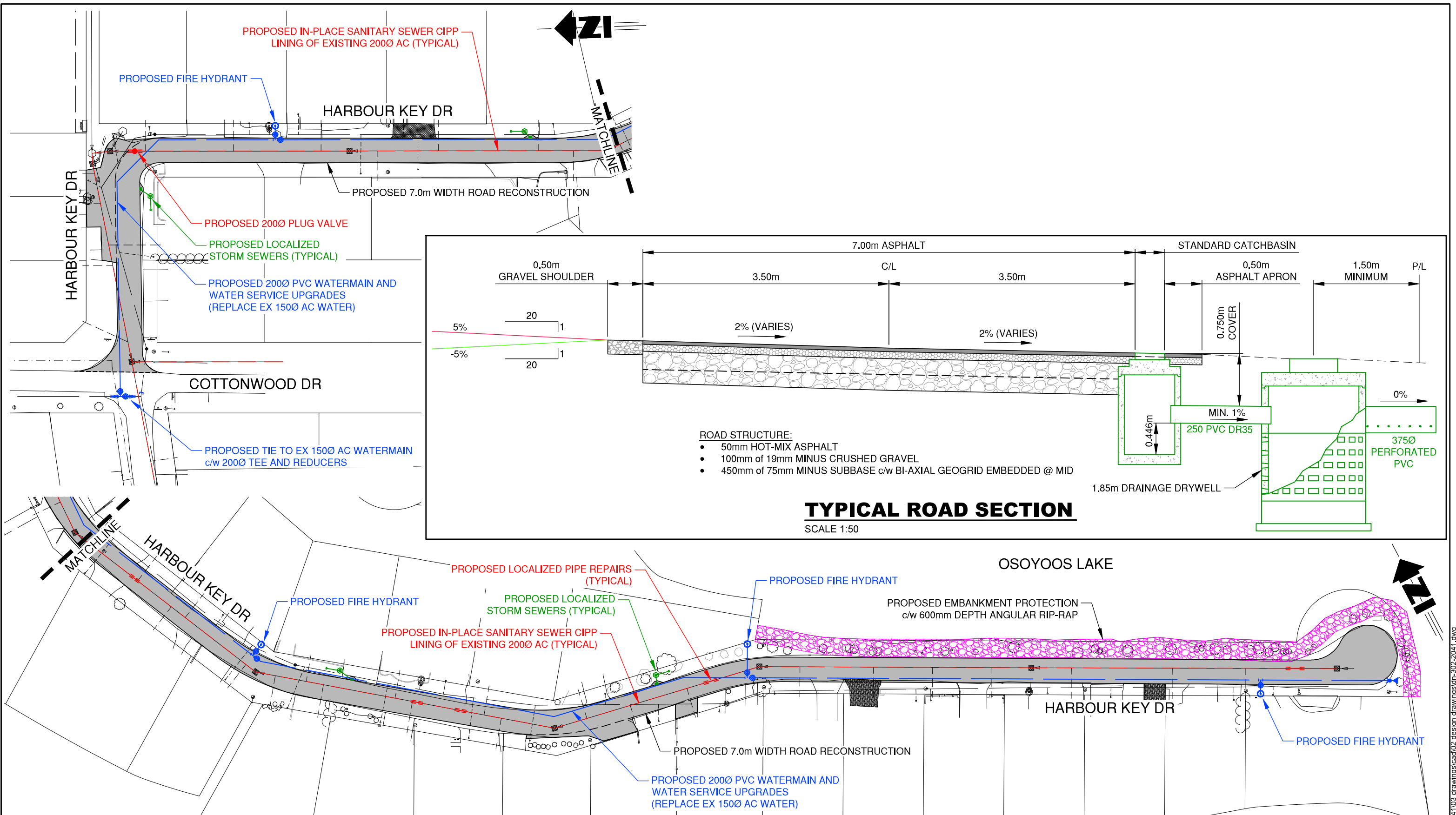
Capital cost estimate:

\$1,200,072 (Roads)

\$564,519 (Sanitary)

\$477,490 (Water)

\$2,242,081



**TOWN OF OSOYOOS**  
**HARBOUR KEY DRIVE RECONSTRUCTION**  
**and SANITARY SEWER CIPP LINING**



DESIGN BY: TT  
DRAWN BY: TT  
DATE: SEPT 2024

SCALE: 1:1000  
DWG NO.:  
**SK1**  
302-2041  
37



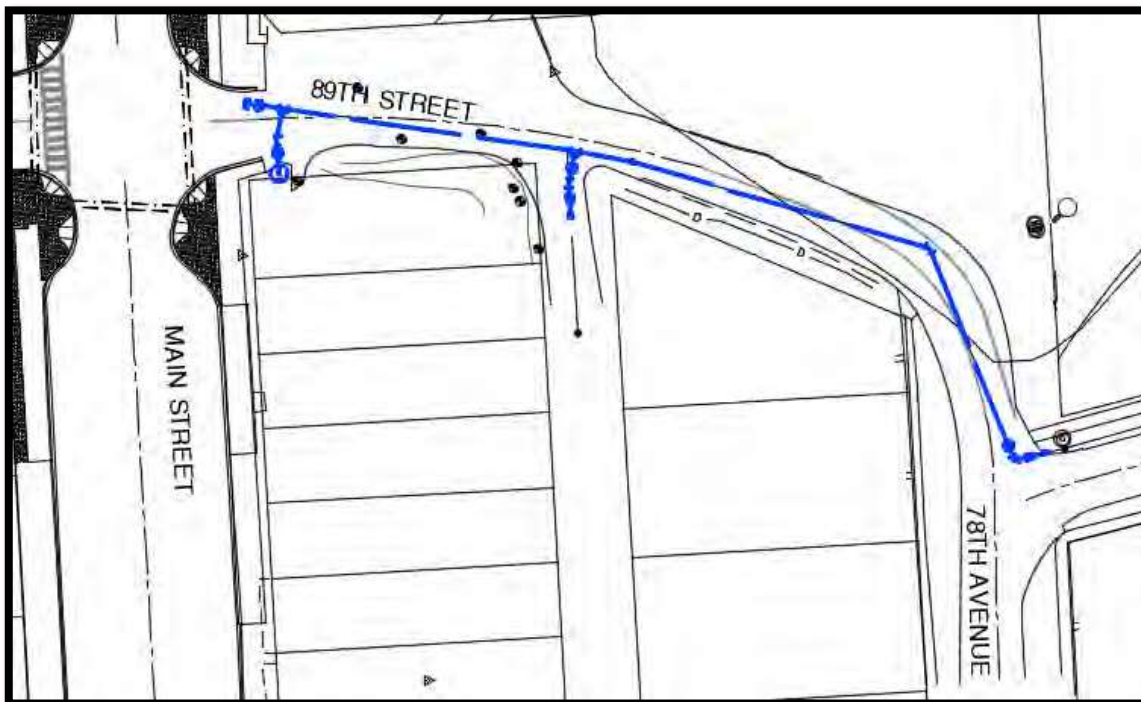
## Project W20 (R9): Watermain Upgrades and Replacement on 89<sup>th</sup> St. from 78<sup>th</sup> Ave. to Main St.

**Priority:** High

**Type:** Upgrade, Replacement

**Trigger:** Growth, Asset Management

### Location Map



### Issue

There is not currently a continuous large diameter trunk main from the town core to the residential neighborhoods North of Main Street. This limits distribution capacity for fire flows and system looping resiliency. The proposed trunk main would connect 89<sup>th</sup> St. (North of Main St.) to the upgraded section of 74<sup>th</sup> Avenue. This would increase flows to the North more directly from the 340 reservoirs supply main, improving fire flows and allowing alternative distribution pathways. Furthermore, development in this area would be supported by enhanced fire flows and additional water supply for increased demands from densification.



### Scope

Works include installing 115 m of 350 mm, and 26 m of 150 mm PVC watermain including a hydrant assembly and appurtenances.

**Cost Estimate (Class D, see Project R9 for a project sketch and detailed cost estimate)**

DESCRIPTION	TOTAL PAYMENT
Part 2.0 - Water System	\$132,310.00
Contingency & Engineering (25%)	\$33,077.50
<b>Total Contract Sum</b>	<b>\$165,387.50</b>



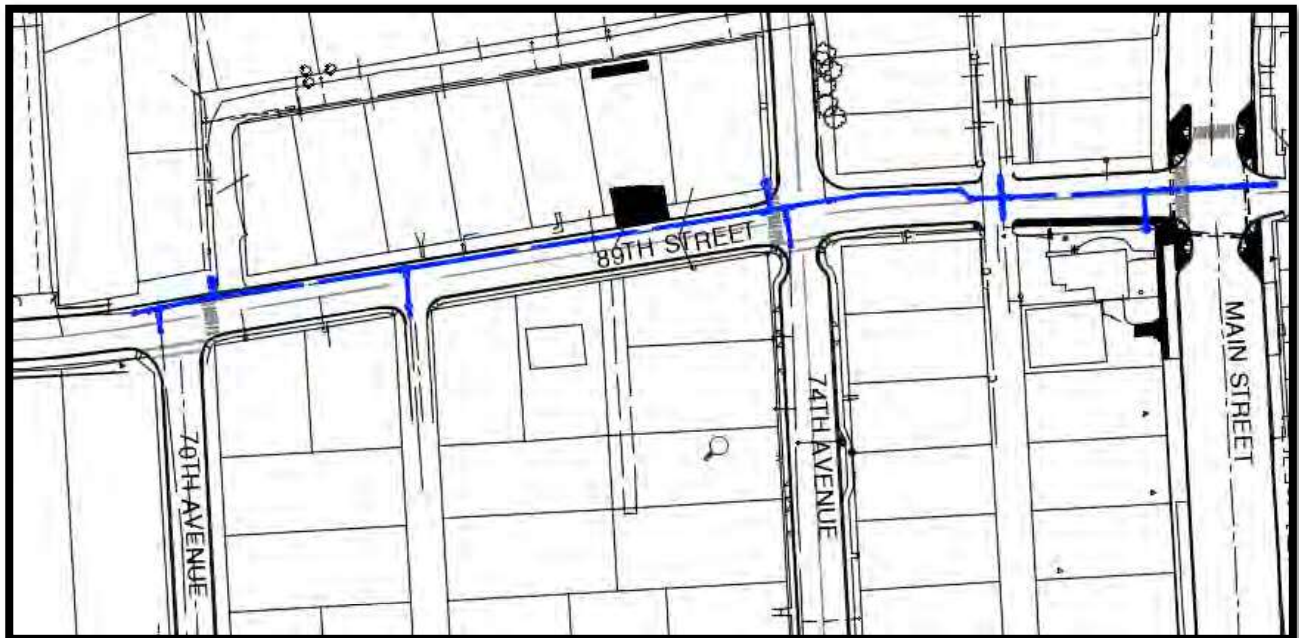
## Project W21 (R10 and S12): Watermain Upgrades and Replacement on 89<sup>th</sup> St. from Main St. to 70<sup>th</sup> Ave.

**Priority:** High

**Type:** Upgrade, Replacement

**Trigger:** Growth, Asset Management

### Location Map



### Issue

Increased distribution is required throughout the municipal pressure zone to accommodate flows from the future water treatment plant, flows to the east reservoir, and increased water demand from proposed developments (development referrals) and infilling to the North, South and East. Upgrades to the 89<sup>th</sup> St. corridor achieve an efficient and harmonious solution to accommodate these multiple dynamics. This corridor ties into the 74<sup>th</sup> Ave watermain upsizing which provides a large trunk main connected to the 340 Reservoir that will direct flows to upgrades Northwards and Southwards of this project. Northwards, it is intended to cross Main Street to create a large trunk main to the northern area of the municipal pressure zone. Southwards, increased flows may support water treatment plant distribution and will support increased water demand, but most importantly flows to the east to support the east reservoir (in conjunction with upgrades to Kingfisher Dr.).





Also, Watermain works on 89<sup>th</sup> St. will replace existing 250 mm asbestos cement pipes with expired service lives. Given these pipes are at a high probability of failure (age based) and high system criticality (high flows), replacing them with PVC watermain will improve system reliability.

**Scope**

Works include installing 300 m of 350 mm PVC watermain on 89<sup>th</sup> St. and roughly 90 m of 150 - 300 mm PVC watermain to tie-into connecting watermains. All works include replacing hydrants, services, valves and other appurtenances. It is recommended that this work be completed simultaneously with S12 to confirm the sanitary main does not need to be reconstructed.

**Cost Estimate (Class C, see Project R10 for a project sketch and detailed cost estimate)**

DESCRIPTION	TOTAL PAYMENT
<b>Part 2.0 - Water System</b>	<b>\$484,540.00</b>
<b>Contingency &amp; Engineering (25%)</b>	<b>\$121,135.00</b>
<b>Total Contract Sum</b>	<b>\$605,675.00</b>



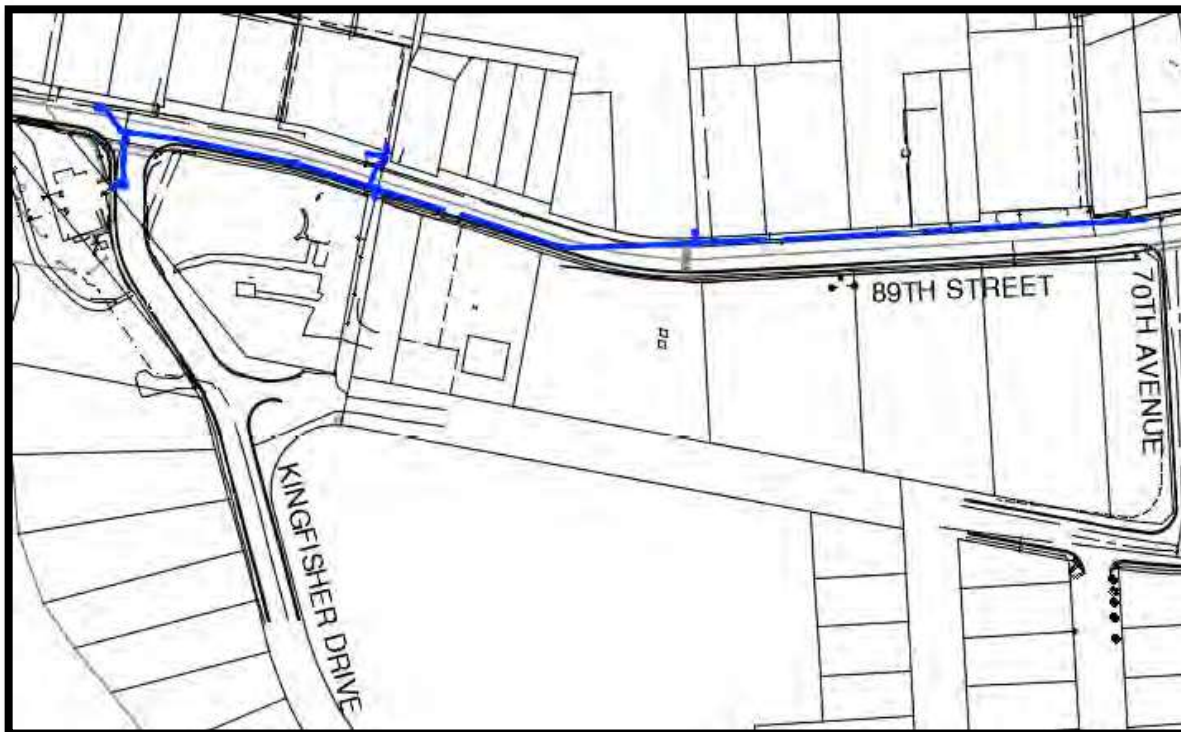
## Project W22 (R11 and S13): Watermain Upgrades and Replacement on 89<sup>th</sup> St. from 70<sup>th</sup> Ave. to Kingfisher Dr.

**Priority:** High

**Type:** Upgrade, Replacement

**Trigger:** Growth, Asset Management

### Location Map



### Issue

This project is intended to be completed in conjunction with upgrades on 89<sup>th</sup> St. from the 74<sup>th</sup> Ave. connection to support southwards distribution in the municipal pressure zone. The current watermain on 89<sup>th</sup> St. decreases from 250 mm to 200 mm between Kingfisher Drive and 70<sup>th</sup> Ave. which limits system capacity to provide fire flow. This impacts flows from Well #1 under pumping conditions, potential future water treatment plant flows, and eastward distribution. Connection to the east is intended to be achieved in conjunction with upgrades on Kingfisher Drive from 89<sup>th</sup> St. to the lake crossing.

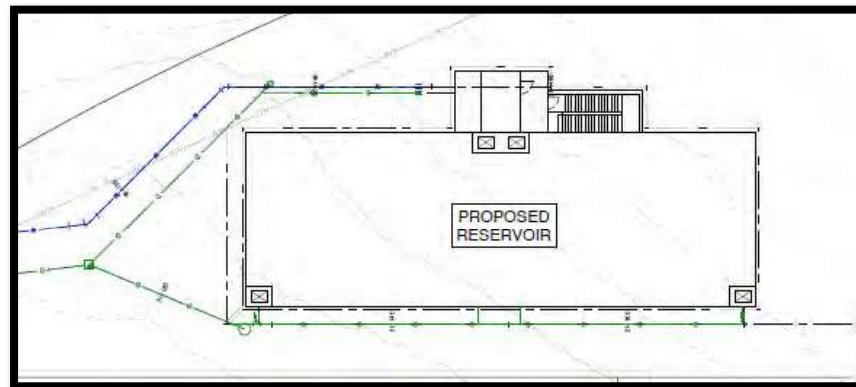


## Project W23: East 340 Reservoir - Construction

**Priority:** High  
**Trigger:** Growth

**Type:** Upgrade

### Location Map



### Issue

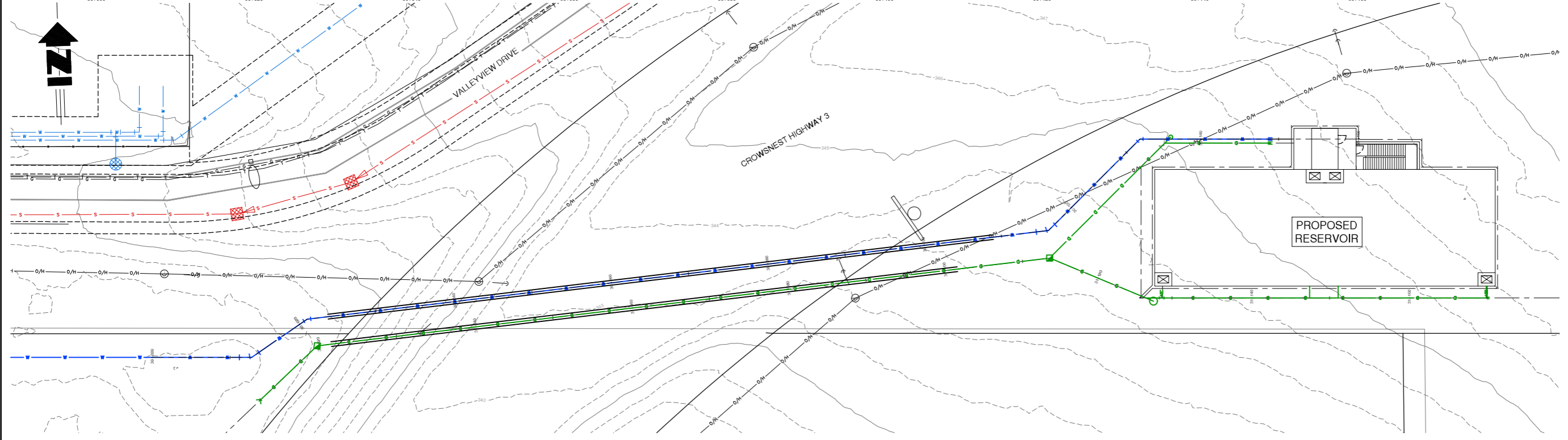
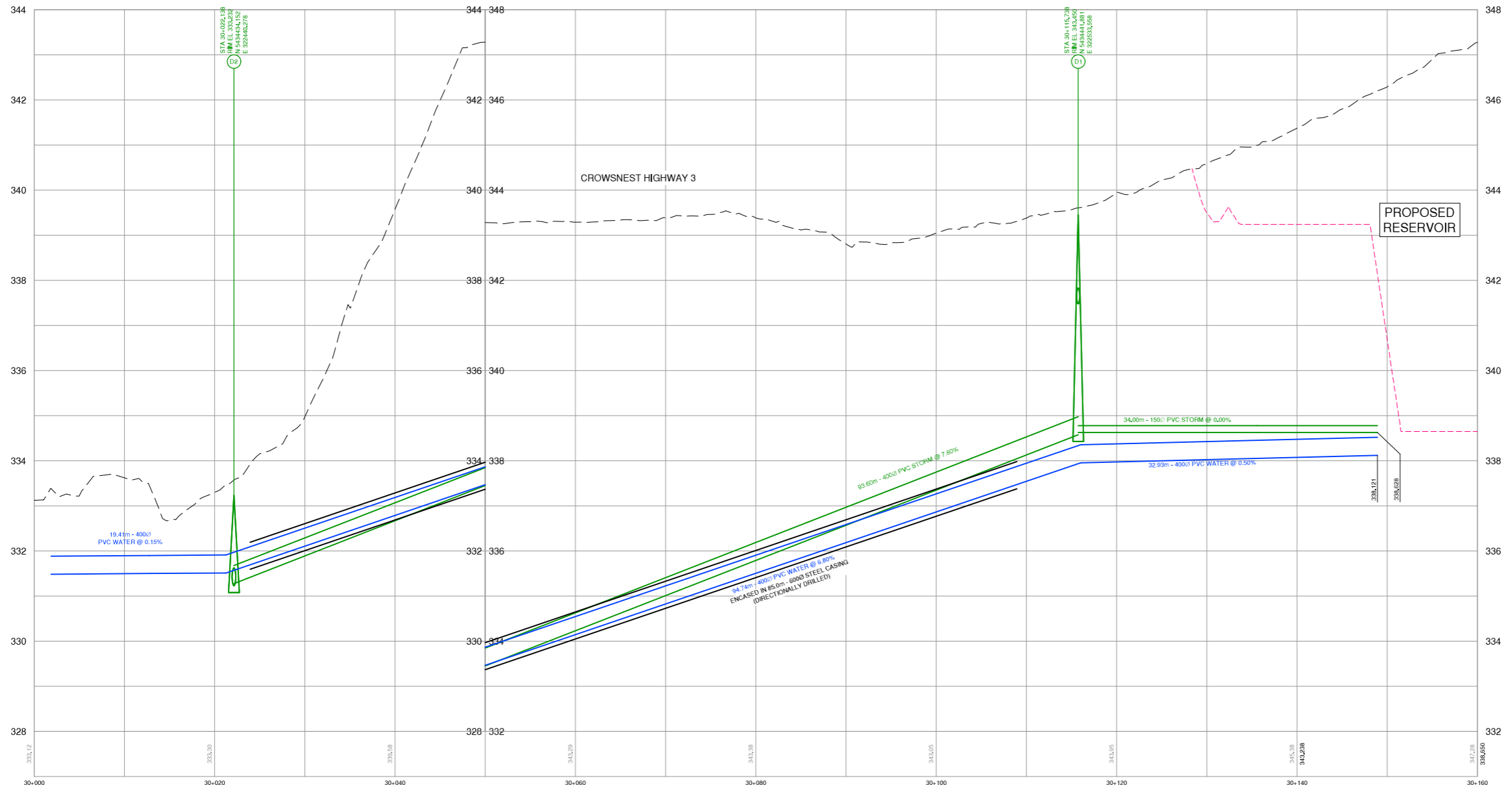
The east sector of Osoyoos is serviced by the 340 reservoir which is located to the west of the Osoyoos Lake crossing. This is not optimal based on the domestic water system layout. For this reason, an east sector reservoir would provide more efficient and resilient fire flows and emergency storage for the east sector. This is especially critical for fire flows to future high density residential, infill residential and commercial developments, and improving deficient fire flows in the SE sector.

The Osoyoos Indian Band (OIB) is a stake holder in this project because the east reservoir is intended to service OIB development near the south end of Sonora Dunes Golf Course and at Nk'Mips Corner. As such, project implementation will be completed in collaboration with OIB. Also discussed in the East Sector Densification Plan, this reservoir could provide a minimum fire flow of 150 L/s to OIB developments.

### Scope

Construction of a 2,550 m<sup>3</sup> concrete reservoir including flow control valves to ensure even reservoir filling between the West and East 340 Reservoirs.

**Budgetary Cost Estimate: \$5,097,559**



No.	DATE	DESCRIPTION	BY	APP

**ISSUES / REVISIONS**

CONSULTANT SEAL

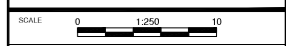


2089 Falcon Road • Kamloops BC • V2C 4J2  
tel 250.828.0881 • info@true.ca



**OSOYOOS RESERVOIR**

**WATER SUPPLY AND DISTRIBUTION PLAN & PROFILE**



DESIGN BY	DK
DRAWN BY	SPC
DATE	MAY, 2024
PROJECT REFERENCE No.	797-327
PROJECT No.	<b>797-321</b>
SHEET	1 OF X
DRAWING No.	<b>303</b>
REVISION	<b>0</b>



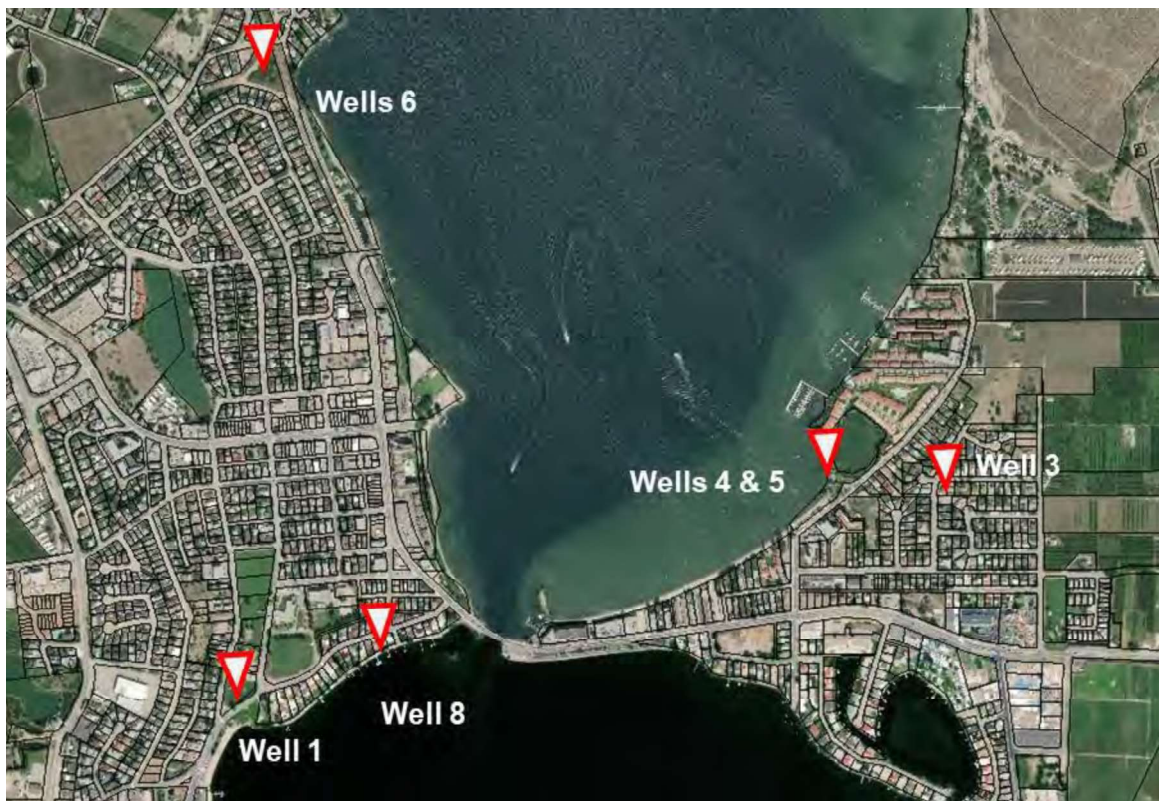
## Project W24, W25, & W26: Well #3, #4 & #5 Electrical & Pumps

**Priority:** High

**Type:** Replacement

**Trigger:** Asset Management

### Location Map



### Issue

The electrical components and pumps for the water supply wells have been identified as past their useful lives. Furthermore, the opportunity to optimize new well pumps will improve the water supply to the system. For these reasons, it is recommended that these system components be replaced.

Currently, it is recommended that this work be undertaken at Wells #3, #4 and #5 to provide short term reliability in leu of a decision of a drinking water source (surface water vs. groundwater).



**Scope**

Replacement of electrical system and well pumps.

**Cost Estimate (Class D)**

It is noted that the cost estimate is per well.

<b>DESCRIPTION</b>	<b>TOTAL PAYMENT</b>
<b>Part 1.0 – Well Pump</b>	<b>\$ 132,000</b>
<b>Part 2.0 – Well Electrical</b>	<b>\$ 88,000</b>
<b>Subtotal Parts 1.0 to 2.0</b>	<b>\$ 220,000</b>
<b>Contingency and Engineering (45%)</b>	<b>\$ 99,000</b>
<b>Total Contract Sum</b>	<b>\$ 319,000</b>

**Town of Osoyoos  
5 Year Capital/Project Plan  
For the years 2025-2029**

24-Oct-24

**Water**

Director Responsible  
for Report

		2025	2026	2027	2028	2029	
	W1 Universal Water Metering	1,470,000					Reserves
	W2 Water Metering	3,204,000					\$1,204,000GCF/\$2,000,000Borrowing
	W4 Water - Water Service Extension	500,000					Developer
	W5 74th Ave Water Main Upsizing, Heron Lane Loon	714,000					CWF/14.3%DCC
	W6 Magnolia Place Water Replacement	321,000					Reserves
	W8 Floodworks	556,000					Grant
	W11 East Osoyoos Reservoir Design	200,000					Reserves
	W14 340-402 Booster and 340 Reservoir PRV	850,000	1,150,000				\$1,264,722GCF/\$735,278Reserves
	W7 Ponderosa Dr Watermain Replacement	394,000					\$76,146Reserves/Operating
	W12 Water District Agricultural Asset Management Plan	100,000					Operating
	W13 Quail Place Watermain Upgrades	232,000					Operating
	W15 Water Rate Development, Implementation & Conservation Plan	125,000					Operating
	W16 Surface Water Treatment Plant	4,910,000	26,829,278	33,050,102	15,630,621		66%Grant/\$2,700,000Reserves/\$24,642,800Borrowing
	LCD Portable Electronic Signs	55,000					\$27,500Reserves/\$27,500RMI
	W17 Well #10 Implementation		1,463,000				29% DCC/Borrowing
	W18 Watermain Replacementat Gala Cr		221,000				Reserves
	W19 Harbour Key Dr. Watermain Upsizing		478,000				Reserves
	W20 WMU&R 89th St from 78 Ave to Main		166,000				Reserves
	W21 WMU&R 89th St from Main to 70 Ave		606,000				14.3% DCC/Reserves
	W22 WMU&R 89th St from 70th Ave to Kingfisher Dr		853,000				14.3% DCC/Reserves
	W23 East Osoyoos Reservoir - Construction		1,000,000	4,098,000			66% Grant/17%OIB/\$123,900DCC/Reserves
	W24 Well #3 Electrical & Pumps		319,000				\$103,246Reserves/Operating
	W25 Well #4 Electrical & Pumps		319,000				Operating
	W26 Well #5 Electrical & Pumps		319,000				Operating
	W27 Groundwater Protection Plan			100,000	50,000	50,000	Operating
	W28 SCADA Upgrades			96,000	96,000	89,000	Operating
	W29 WMU&R Kingfisher Dr from 89th St to Gyro Park			1,079,000			14.3%DCC/\$924,703Reserves
	W30 WMU&R 89 St from Kingfisher to Oleander and 62nd			454,000			66%Grant/14.3%DCC/\$89,438Operating
	W31 340 Reservoir Watermain Upgrades			2,503,000			66%Grant/17%OIB/\$60,800DCC/\$156,354Reserves/Operating
	W32 Hydrant Program Project #2			447,000			Operating
	W33 WMU&R at Maple Dr				865,000		Reserves
	W34 WMU&R Main St from East Lake Crossing to Cottonwood				3,028,000		14.3% DCC/Borrowing
	W35 Master Plan Review				75,000		Operating
	W36 Water Conservation Update				25,000		Operating
	W37 Watermain Replacement on 74th, Distribution Main to 402				852,000		14.3% DCC/\$730,164Reserves
	W38 Watermain Connecting Nighthawk to 89th				295,000		14.3% DCC/\$252,815Operating
	W39 Watermain Upgrades on 74 Ave from 97 St to Nighthawk				428,000		14.3% DCC/\$255,792Reserves/\$155,778Operating
	W40 Watermain Replacement on 74 Ave from 97 St to Nighthawk 402 Reduced Pressure				485,000		14.3% DCC/\$415,645Operating
	W41 Fairway Hills Booster Station Pumps, Piping and Electrical				718,000		Reserves
	<b>Totals</b>	<b>13,631,000</b>	<b>33,723,278</b>	<b>41,827,102</b>	<b>22,547,621</b>	<b>139,000</b>	

\* WMU&R - Watermain Upgrades and Replacement

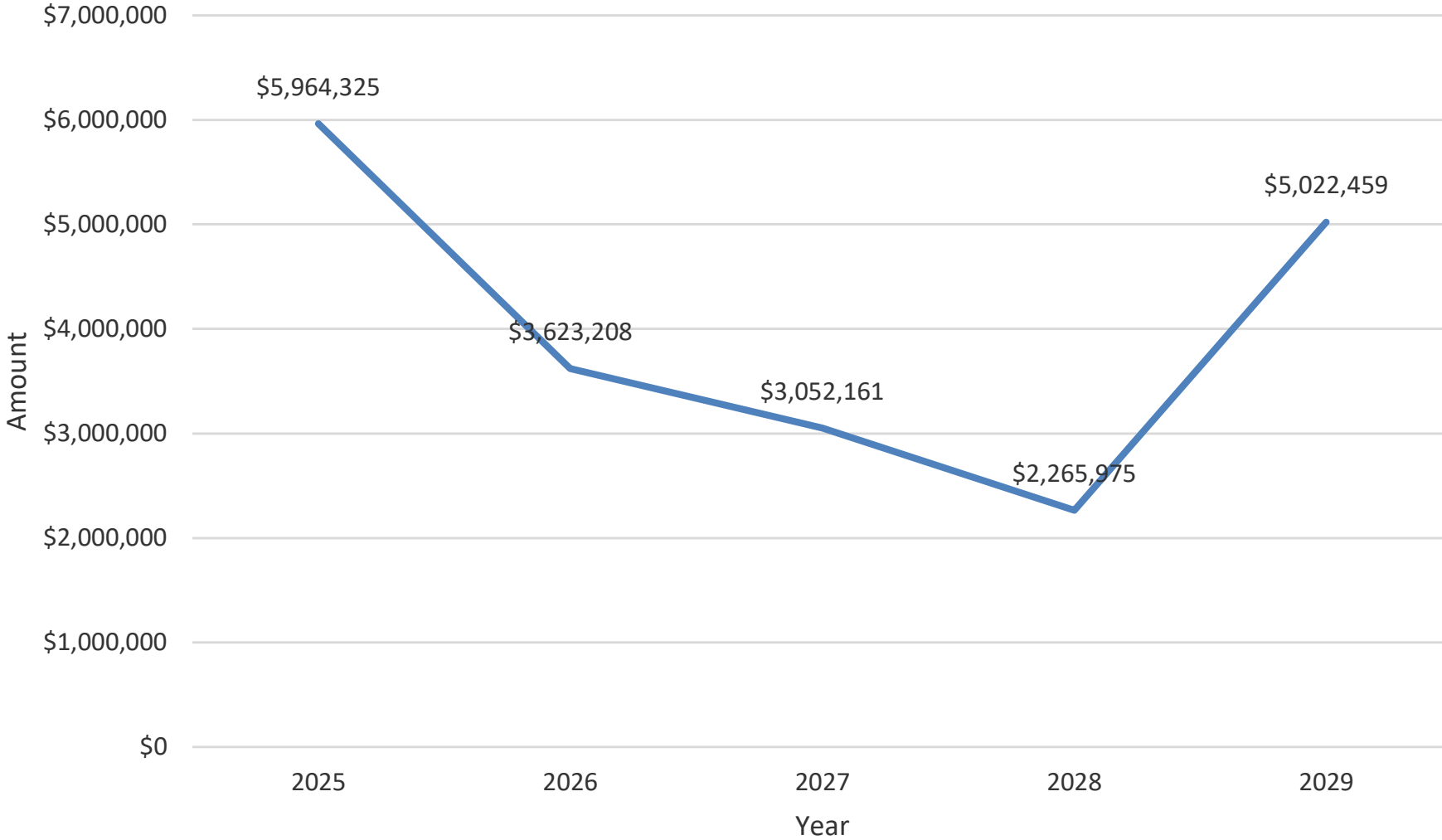
Project Name	Year	Borrowing	# years	Annual Payments	Annual Increase per AVG SFD	Monthly Increase per avg SFD
<b>Water Fund</b>						
Water Metering	2025	2,000,000	20	151,922	23.64	1.97
Well #10 Implementation	2026	1,038,730	20	78,903	12.28	1.02
Water Treatment Plant	2026	9,121,955	20	699,826	108.92	9.08
Water Treatment Plant	2027	11,237,035	20	853,577	132.85	11.07
Watermain Upgrade & Replacement Main St from East Lake Crossing to Cottonwood	2028	2,594,996	20	197,119	30.68	2.56
Water Treatment Plant	2028	4,283,810	20	325,403	50.64	4.22
				<u>2,306,750</u>	<u>359.01</u>	<u>29.92</u>

Municipal finance Authority  
Rate effective October 24,2024

4.06%



# Water Reserves



**Reserve Balances**

**23-Oct-24**

Account Number	Description	2023 Yearend	2024 Contributions	2024 Transfers	Balance Remaining	2025	2026	2027	2028	2029
<b>Water Fund</b>										
64475003	Res. - Water Capital Projects	2,990,416.62	0.00	0.00	2,990,416.62	2,990,417	990,417	990,417	90,417	40,417
	Contributions					0	0	0	0	973,714
	Transfers					-2,000,000	0	-900,000	-50,000	0
	Balance					990,417	990,417	90,417	40,417	1,014,131
64475004	Res. - Water Pump & Motor Replace	81,220.00	0.00	0.00	81,220.00	81,220	81,220	36,298	36,298	0
	Contributions					0	0	0	0	0
	Transfers					0	-44,922	0	-36,298	0
	Balance					81,220	36,298	36,298	0	0
64475005	Res. - Reservoir Cleaning	70,000.00	0.00	0.00	70,000.00	70,000	70,000	70,000	70,000	70,000
	Contributions					0	0	0	0	0
	Transfers					0	0	0	0	0
	Balance					70,000	70,000	70,000	70,000	70,000
64475006	Res. - Leak Detection/Line Cleaning	140,000.00	0.00	0.00	140,000.00	140,000	140,000	140,000	140,000	140,000
	Contributions					0	0	0	0	0
	Transfers					0	0	0	0	0
	Balance					140,000	140,000	140,000	140,000	140,000
64475007	Res. - Water Metering	500,000.00	0.00	0.00	500,000.00	500,000	0	0	0	0
	Contributions					0	0	0	0	0
	Transfers					-500,000	0	0	0	0
	Balance					0	0	0	0	0
64475008	Water Sustainability Fund	183,690.00	1,336,966.00	0.00	1,520,656.00	1,520,656	2,573,426	105,555	256,152	608,922
	Contributions (Asset Management Plan)					1,552,770	1,552,770	1,552,770	1,552,770	1,552,770
	Transfers					-500,000	-4,020,641	-1,402,173	-1,200,000	0
	Balance					2,573,426	105,555	256,152	608,922	2,161,692
64475009	Res. - Water - PSAB	0.00	100,000.00	0.00	100,000.00	100,000	200,000	300,000	400,000	500,000
	Contributions (PSAB)					100,000	100,000	100,000	100,000	100,000
	Transfers					0	0	0	0	0
	Balance					200,000	300,000	400,000	500,000	600,000
64475010	Res. - Water - Capital Contingency	0.00	100,000.00	0.00	100,000.00	100,000	200,000	300,000	400,000	500,000
	Contributions					100,000	100,000	100,000	100,000	100,000
	Transfers					0	0	0	0	0
	Balance					200,000	300,000	400,000	500,000	600,000
64475011	Res. - Fleet	0.00	0.00	0.00	0.00	0	30,000	60,000	90,000	120,000
	Contributions					30,000	30,000	30,000	30,000	30,000
	Transfers					0	0	0	0	0
	Balance					30,000	60,000	90,000	120,000	150,000
54495000	Prior Year Surplus (cash)	1,773,908.29	0.00	0.00	1,773,908.29	1,773,908	1,679,262	1,620,938	1,569,294	286,636
	Contributions					0	0	0	0	0
	Transfers					-94,646	-58,324	-51,644	-1,282,658	0
	Balance					1,679,262	1,620,938	1,569,294	286,636	286,636
<b>Total</b>		<b>5,739,234.91</b>	<b>1,536,966.00</b>	<b>0.00</b>	<b>7,276,200.91</b>	<b>5,964,325</b>	<b>3,623,208</b>	<b>3,052,161</b>	<b>2,265,975</b>	<b>5,022,459</b>

## Development Cost Charges October 22, 2024

Date	Description	Receipt #	Water
1-Jan-24	Balance Forward		88,803.87
10-Apr-24		163471	10,840.00
19-Apr-24		163534	1,624.00
18-Jun-24		165091	4,872.00
31-Dec-24	Interest	JV's	5,291.51
	2024 Expenditures		0.00
		Totals	111,431.38
			54480-004

Bank GL #    53311-001  
Equity GL #    54480-004

Budgeted Expenditures	2025	102,102
	2026	632,907
	2027	403,919
	2028	727,584
	2029	0
		1,866,512

## 2025 Water User Rate changes

Rate Code	Description	2024 Rate	Units	Town Water 51131-000	Increase Water User Rates <b>9.65%</b>	Adjusted Total Town Water 51131-000	Quarterly Rates
Town Property Tax							
W01	Water Usage - Town	754.17	4,075	3,073,242.75	826.95	3,369,821.25	206.74
W03	Water Usage - Town	754.17	41	30,920.97	826.95	33,904.95	206.74
W04	Water Usage - Rest. - Basic	1,463.76	29	42,449.04	1,605.01	46,545.29	401.25
W05	Water Usage - Rest. - Additional	867.29	34	29,487.86	950.98	32,333.32	237.75
W06	Water Usage - site	331.88	774	256,875.12	363.91	281,666.34	90.98
W07	Water Usage - Campground - RV site*	274.19	293	80,337.67	300.65	88,090.45	75.16
W08	Water Usage	922.13	14	12,909.82	1,011.12	14,155.68	252.78
W09	Water Usage - Day Care	1,357.49	1	1,357.49	1,488.49	1,488.49	372.12
W11	Water Usage	2,159.59	2	4,319.18	2,367.99	4,735.98	592
W12	Water Usage - Laundramat	188.53	15	2,827.95	206.72	3,100.80	51.68
W13	Water Usage - Sun Bowl	3,242.90	1	3,242.90	3,555.84	3,555.84	888.96
W14	Water Usage	3,242.90	1	3,242.90	3,555.84	3,555.84	888.96
W15	Water Usage - Car Wash - Bay (metered)	2,159.59		6,478.77	2,367.99	7,103.97	592
W18	Water Irrigation	436.45	11	4,800.95	478.57	5,264.27	119.64
A/R							
FGIL - Canada Post		2,159.59	1	2,159.59	2,367.99	2,367.99	592
FGIL - RCMP		2,159.59	1	2,159.59	2,367.99	2,367.99	592
Osoyoos Seniors		1,052.86	1	1,052.86	1,154.46	1,154.46	288.62
Osoyoos Health Centre AP_VEN_INVOICES@INTERIORHEALTH.CA		2,159.59	1	2,159.59	2,367.99	2,367.99	592
Osoyoos Lake Sailing Club		754.17	1	754.17	826.95	826.95	206.74
Desert Park Exhibition Society		274.19	11	3,016.09	300.65	3,307.15	75.16
Nk'Mip Management services		436.45	1.71	746.33	478.57	818.35	119.64
Nk'Mip Management services		274.19	43	11,790.17	300.65	12,927.95	75.16
School District 53 (22 classrooms)		1,052.86	22	23,162.92	1,154.46	25,398.12	288.62
School District 53 Irrigation		436.45	6.92	3,020.23	478.57	3,311.70	119.64
School District 53 (15 classrooms)		1,052.86	15	15,792.90	1,154.46	17,316.90	288.62
Nk'Mip Gas and Convenience Store		922.13	1	922.13	1,011.12	1,011.12	252.78
OIB Indigenous Bloom		754.17	1	754.17	826.95	826.95	206.74
Osoyoos Employee Housing		754.17	24	18,100.08	826.95	19,846.80	206.74
				3,638,084.19	3,989,172.90		
Rounded				3,638,084.00	3,989,173.00		

## 2025 Water District Rate changes

Rate Code	Description	2024 Rates	Units	Water District User Rates 51130-000	Increase WD User Rates 8.94%	Water District User Rates Adjusted Total 51130-000	Water District Parcel Irrig 51130-005	Increase WD Parcel Irrig 8.94%	Water District Parcel Irrig Adjusted Total 51130-005	Quarterly Rates
Town Property Tax										
D25	Residential Twinned	814.08	107	87,106.56	886.86	94,894.02				221.72
D35	Commercial Twinned	939.85	9	8,458.65	1,023.87	9,214.83				255.97
G9	Greenhouse, Nursery, Hydroponics	754.29	1	754.29	821.72	821.72				205.43
G13	Greenhouse, Nursery, Hydroponics	0.0299	61,705	1,844.98	0.0326	2,011.58				0.0082
T10	Water District - Irrigation	372.11	146.62				54,558.77	405.38	59,436.82	101.35
Rural Water										
C20	Commercial	939.85	2	1,879.70	1,023.87	2,047.74				255.97
C25	Commercial Twinned	939.85	9	8,458.65	1,023.87	9,214.83				255.97
C35	Heavy Commercial Twinned	2,343.59	1	2,343.59	2,553.11	2,553.11				638.28
D10	Residential Unit	732.67	62	45,425.54	798.17	49,486.79				199.54
D20	Residential Twinned	814.08	366	297,953.28	886.86	324,590.76				221.72
D45	Mobile Homes/Apartments	732.67	4	2,930.68	798.17	3,192.70				199.54
D50	Mobile Homes/Apartments - Twinned	814.08	31	25,236.48	886.86	27,492.66				221.72
D70	Cabins	732.67	3	2,198.01	798.17	2,394.52				199.54
D72	Cabins Twinned	814.08	3	2,442.24	886.86	2,660.58				221.72
D80	Campsites - per unit - Twinned	200.64	6	1,203.84	218.58	1,311.48				54.65
G1	Greenhouse	80.83	0	0.00	88.06	0.00				22.02
G2	Greenhouse	166.82	0	0.00	181.73	0.00				45.43
G3	Greenhouse	251.45	1	251.45	273.93	273.93				68.48
G4	Greenhouse	335.22	2	670.44	365.19	730.38				91.3
G5	Greenhouse	419.08	2	838.16	456.55	913.10				114.14
G6	Greenhouse	502.86	0	0.00	547.82	0.00				136.96
G7	Greenhouse	588.41	0	0.00	641.01	0.00				160.25
G8	Greenhouse	670.43	0	0.00	730.37	0.00				182.59
G9	Greenhouse	754.29	2	1,508.58	821.72	1,643.44				205.43
G10	Greenhouse	838.10	2	1,676.20	913.03	1,826.06				228.26
G11	Greenhouse	921.90	0	0.00	1,004.32	0.00				251.08
G12	Greenhouse	1,005.63	1	1,005.63	1,095.53	1,095.53				273.88
G13	Greenhouse	0.0299	55,920	1,672.01	0.0326	1,821.48				0.0081
P10	Parcel Irrigation Charge	372.11	1,498.27				557,521.25	405.38	607,368.69	101.35
New Construction										
Early/Late Water		814.08	3	2,442.24	886.86	2,660.58				
				5,000.00		5,000.00				
				503,301.20		547,851.82	612,080.02			666,805.51
Rounded				503,301.00		547,852.00	612,080.00			666,806.00