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REPORT TO REGIONAL WATER SUPPLY COMMISSION
MEETING OF OCTOBER 15, 2025

SUBJECT **Regional Water Supply Service 2026 Capital and Operating Budget**

ISSUE SUMMARY

To provide an overview of the draft 2026 Regional Water Supply Service budget, highlighting the 2025 budget variance and the proposed 2026 budget figures. The report generally follows the information provided in the attached draft budget document (Appendix A).

BACKGROUND

The draft 2026 Regional Water Supply Service budget has been prepared for the Regional Water Supply Commission's (Commission) consideration. The Commission will make budget recommendations to the Capital Regional District (CRD) Board through the Committee of the Whole in October. The budget recommendations are also necessary to establish the wholesale water rate and approve the rate by year end through adopting a rate bylaw. As in previous years, the draft 2026 Regional Water Supply Service budget has been prepared considering the CRD Board's 2026 service planning and financial expectations, which include identifying opportunities to realign or reallocate resources and seek potential efficiencies between departments and services, reviewing service levels and adjustments related to regulatory compliance, and undertaking infrastructure improvements and upgrades to maintain service levels within the Region. In addition, the budget also considers the July 16, 2025 direction from the Commission to staff, "*That staff be directed to include the proposed positions for the Dam Safety Program (2 FTE), Master Plan Program (4 FTE), Operations Coordinator (0.5 FTE) and Reliability Engineer (1 FTE) in the Regional Water Supply 2026 budget, and that staff be directed to incorporate future year's FTEs into the 2027-2030 financial plan for annual review"* (Appendix E).

The following sets out the key components of the budget.

2025 Year-End Financial Projections

Year-end revenue and expenditure projections have been established and estimated variances, including the proposed capital fund transfer, are summarized as follows:

Budget Item	Projected Variance Exceed/(Below) Budget ($)	Projected Variance (%)
Expense		
Operating Expenditures	(385,428)	(1.95)%
Capital Fund Transfers	(88,753)	(0.44)%
Debt servicing - Principal and Interest	(132,705)	(5.13)%
Revenue		
Sales and Other Revenue	342,796	0.76%
Year-end Surplus	**$949,682**	**2.11%**

Savings in operating expenditures are primarily due to temporary staff vacancies and savings in contracted services. Capital fund and debt servicing costs are lower than budget due to the deferral of debt-funded capital projects to 2026.

Surplus revenue is the result of projected higher water demand than budgeted. At the end of 2025 this surplus will be transferred to the capital fund to support future capital projects.

2026 Budget

Operating Budget

The 2026 operating budget reflects an inflationary increase in non-discretionary expenses such as estimated wage/salary increases, labour augmentation, corporate support service allocation increases, chemical and electricity costs, vehicle costs and other operating expense adjustments. The net core 2026 operating budget increase is $1,390,586 (7.03%).

To meet the needs of the growing, aging system and commitments outlined in the Regional Water Supply Strategic plan, 7.5 FTEs are proposed to be added in 2026 to support the service. The 2026 Water Community Needs Summary and the July 16, 2025, staff report entitled *2026 Service Delivery – Staffing Requirements* summarize the proposed 2026 Initiative Business Cases (IBCs). These IBCs were incorporated into the 2026 budget to support the Regional Water Supply Service. Further details of the rational for these additions and service level improvements are included in Appendix E. The new positions result in an ongoing additional budget request of $1,044,497, while $511,654 will be funded through the operating budget and the remaining $532,842 will be funded through the capital program.

Initiative	Staff impacts (2026)	Business Driver - Rational	Incremental cost (2026)	Funding source
2a-2.3 Master Plan Program	4 New Ongoing (Q1 Start)	Includes four new positions to advance Master Plan projects with substantial upfront planning and engineering work, support for legal reviews and engagement with First Nations communities.	$534,736	Capital & Fee-for-Service (100% RWS)
2b-1.1 Dam Safety Program – Integrated Water Services	2 New Ongoing (Q1 Start)	Includes two additional Dam Safety Surveillance positions to support the operation, maintenance, and surveillance of the dams, as well as regulatory compliance activities and resolving safety issues through capital and operational safety improvements.	$310,912	Capital
2b-2.6 Operations Coordinator	1 New ongoing (Q1 Start)	Responsible for the administrative aspects of regulatory and operational risk management, addressing inefficiencies and day-to-day service delivery risks.	$69,469	Fee-for-service (50% JDF/ 50% RWS)
2b-2.9 Reliability/ Operational Performance	1 New Ongoing (Q1 Start)	Responsible for improving the reliability of water service by collecting and analyzing asset performance data, developing optimized plans, and improving service reliability.	$129,380	Fee for service (100% RWS)

In addition to the initiatives listed above that have staffing implications in 2026, the following initiatives have staffing implications in 2027 or beyond:

2027 (3 FTE)	2a-2.3 Master Plan Program (1 FTE, Project Engineer)
	2a-5.2 Equipment/Watershed Operator (1 FTE, Watershed Protection)
	2a-5.3 Seasonal Watershed Protection (0.75 FTE, Watershed Protection)
	2b-2.7 Contract Support Service (0.25, FTE shared with other services)
2028 (3.75 FTE)	2a-2.3 Master Plan Program (1 FTE, Senior Project Manager)
	2a-5.3 Seasonal Watershed Protection (0.75 FTE, Watershed Protection)
	2a-5.4 Forest Management Plan Implementation (1 FTE, Watershed Protection)
	2b-2.5 Utility Operator (1 FTE, Water Operations)
2029 (1.6 FTE)	2a-5.3 Seasonal Watershed Protection (0.6 FTE, Watershed Protection)
	2a-5.5 Forest Hydrology Technician (1 FTE, Watershed Protection)

These future year positions have been incorporated into the 5-year budget; however, the position will be reviewed and approved as part of the 2027 budget and beyond.

In addition to the groups that support the provision of water service to the various wholesale customers, there are several environmental programs that are critical to the sustainability of the Regional Water Supply Service, these programs are summarized below.

- **Water Quality Operations Program** – As the core component of the Water Quality portfolio, the Program designs and executes the water quality monitoring and reporting for the source water as well as the treated water in the transmission system and across the CRD-owned and municipal distribution systems. The program also provides technical and scientific support to operations, planning and engineering in the Greater Victoria Drinking Water System.
- **Cross Connection Control Program** – Also part of the overall Water Quality portfolio, this Program reduces the risk of drinking water contamination by identifying potential cross connections and enforcing national and provincial plumbing code requirements.
- **Laboratory Services Program** – Provides a wide range of laboratory services for the CRD drinking water and wastewater operations. Lab services for drinking water operations are integral to the Regional Water Supply.
- **Demand Management Program** – Researches and tracks the various water uses in the Greater Victoria Drinking Water System to design and execute targeted initiatives and campaigns aimed at influencing residential, industrial, institutional or agricultural water demand.

Operating budget forecasts for 2027-2030 are presented in Appendix A for information. These are projections subject to refinement in future years.

It is anticipated that the Regional Water Supply Service will become the direct service provider to the seven First Nations who historically received water from the Regional System. In 2024, two bulk water service agreements have been signed, and the associated two First Nations are in the process of transitioning to be direct customers of the Regional Water Supply. The budget has been prepared to reflect ‘conveyance fee’ payments, in the amount of $500,000 for 2026, that will

fund operating expenses for those water systems required to convey water from the Regional Water Supply system to First Nations Reserve boundaries across Greater Victoria. The conveyance fee payments are subject to the completion of water service agreements with the participating Nations and operating agreements with the 'conveyors' that could include the Juan de Fuca Water Distribution Service, the Saanich Peninsula Water Service, the District of Central Saanich and the District of North Saanich. Agreements will all be applied retroactively to January 1, 2023, meaning that the Nations will receive a credit commensurate with the difference between the Juan de Fuca Water Distribution retail rate it paid during this period and the Regional Water Supply bulk water rate it would have paid.

Capital Budget
Various capital projects are planned for 2026 with a total value of $71,922,336, including $58,559,336 in carry forward projects, with most of the total budget being attributed to large initiatives and in-stream, multi-year projects, such as:

- Goldstream Field Office building project;
- Transmission main upgrade projects;
- Storage Tank Assessments/Improvements;
- Master Plan Planning/Implementation; and,
- Dam safety improvement projects.

There is also $1,893,125 in projects cost-shared 50%/50% with the Juan de Fuca Water Distribution Service (pages 10 to 36 of Appendix A).

The five-year capital plan is presented for consideration. The value of the five-year (2026-2030) capital plan is currently $350,907,336, plus $4,288,125 in projects cost-shared with the Juan de Fuca Water Distribution Service.

A strategy for delivering and implementing the projects identified in the 2022 Regional Water Supply Master Plan was started in 2025 and will continue into 2026. This strategy will look for efficiencies and provide more detailed timelines of the major projects such as the future filtration plant and the deep northern intake over the next 30 years.

<u>Capital and Debt Expenditures</u>
The 2026 capital expenditures will be partially funded through a transfer to the water capital fund budgeted at $21,000,000, with the balance funded from existing cash reserves and borrowed funds (pages 10 and 32 of Appendix A). The 2026 debt expenditures for existing debt servicing are budgeted to be $3,215,038. Debt servicing expenditures will increase by $627,783 (24.26%) over 2025 due to new debt for the Kapoor land purchase ($32,300,000) exceeding maturing debt issuances in 2026. Additional projected water sales revenue and the corresponding capital reserve fund transfer will reduce the borrowing needs in 2026.

Loan Authorization Bylaw 4382 authorizing borrowing of $46,000,000 was approved in 2021 to allow continued partial funding of the five-year capital plan. To date, $4,000,000 has been borrowed, leaving $42,000,000 remaining to fund the five-year capital plan. Staff will bring forward a temporary borrowing bylaw in 2026 to facilitate timely access to debt funds under bylaw 4382 to finance ongoing capital investment.

The upcoming debt retirements on existing borrowings are summarized on the next page:

Loan Number	Retirement Date	Loan Amount
LA3661-116	April 2026	$1,500,000
LA3661-118	April 2027	$4,500,000
LA3661-124	April 2028	$1,700,000
LA3902-131	April 2030	$3,000,000
LA3902-137	April 2031	$1,500,000
LA3902-145	April 2033	$5,000,000
LA4382-159	June 2039	$4,000,000

When assessing key financial health indicators, the service maintains an affordable level of debt over the next five years. The percentage of revenue dedicated to debt costs is forecast to be between 6% and 25%.

Debt funding for capital investment in each of the next five years does not exceed 75% for years 2026 – 2030, consistent with the 60-80% benchmark for engineering infrastructure set by the CRD. While the capital plan includes projects forecasted to occur in the later years for informational purposes, the costs provided are Class D estimates and are refined as part of the capital planning process.

A summary indicator table is provided below:

Year	% Revenue for Debt	Capital Funded by Debt
2026	6.59%	0.70%
2027	9.57%	57.79%
2028	14.98%	75.44%
2029	22.45%	66.90%
2030	25.15%	51.39%

The Regional Water Supply five-year capital plan and 2022 Master Plan reflect a capital program developed to meet today's service requirements and growth needs while also ensuring the future resilience of the utility for generations to come. Through development of the Development Cost Charge (DCC) program and long-term asset management plan completions, the future debt needs will be refined. Capital and debt funding decisions are made in alignment with the life span of the assets to address inter-generational equity, balancing the cost of infrastructure between past, current and future users. The current long-term debt obligations are summarized on the attached graphs (Appendix B).

A $670,484 transfer to the vehicle/equipment replacement fund is planned in 2026. The reserve fund balance is estimated at $2,905,151 at year-end 2025 (Page 37 of Appendix A).

Agricultural Water Rate Funding
The Regional Water Supply agricultural water rate budget funds the difference between the municipal retail water rate and the CRD agricultural water rate. While the bulk water rate has increased annually, the agricultural rate has been held at $0.2105 per cubic metre since the rates

was assessed in 2010. At their meeting of November 26, 2024, the Water Advisory Committee recommended that the Regional Water Supply Commission maintain the current agricultural water rate. This was presented to the Regional Water Supply Commission at their meeting of January 15, 2025.

In the absence of any other direction, the 2026 agricultural water rate is maintained at the same 2025 rate of $0.2105 per cubic metre, subject to the Regional Water Supply Commission's approval. The total budget for the agricultural water rate funding has been increased by $50,000 to $1,900,000.

A summary of the agricultural water volumes and agricultural water rate payments for 2011 to 2024 is attached as Appendix C.

Water Demand
Total water demand across the Region has generally continued to increase year over year primarily due to the continued rate of development and growth. These factors are expected to result in actual demand exceeding budget demand in 2025; the 2025 year-end demand is projected to be 500,000 cubic metres over the budget of 51,200,000 cubic metres.

The recommended 2026 water rate has been calculated using a budget demand of 51,400,000 cubic metres (Page 6 of Appendix A), which is a 200,000 cubic metre increase over the 2025 budget.

Proposed 2026 Wholesale Water Rate
The wholesale water rate is calculated using the water rate model. The water rate model considers the rate base and revenue requirements, which are determined using the various inputs outlined in the preceding sections of this report.

Rate Base
The rate base includes facilities, equipment, infrastructure and other assets used in providing the Regional Water Supply service. The 2026 rate base has increased by $11,240,035 from 2025. This increase relates to physical plant additions, offset by current year depreciation and the change in prior year estimates of additions and disposals. This indicator highlights that we are continuing to invest in our infrastructure at a greater rate than the existing infrastructure is depreciating. The changes in physical plant and work in progress are listed on pages 3 and 4 of the budget document (Appendix A) and are used to project the 2025 year-end total physical plant value and determine the 2026 rate base.

Revenue Requirement
The revenue requirement for 2026 increased by $3,682,423. This is resulting from an increase in operational expenses of $1,440,586 as outline above, an increase in depreciation expenses of $561,337, and an increase in the return on the rate base of $1,680,500.

The proposed 2026 wholesale rate is $0.9314 per cubic metre, a 7.91% increase over the 2025 rate. The increase in annual bulk water cost for the average household using 239 cubic metres per year would be $16.31 (Page 7 of Appendix A).

Wholesale Water Rate History and Projection
The wholesale water rate history and projection is attached as Appendix D. The rates may be

adjusted in the future to reflect actual revenue and expenditure circumstances and water demand volumes

ALTERNATIVES

Alternative 1
The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2026 Operating and Capital Budget and the Five-Year Capital Plan;
2. Approve the 2026 wholesale water rate of $0.9314 per cubic metre;
3. Approve the 2026 agricultural water rate of $0.2105 per cubic metre;
4. Direct staff to balance the 2025 actual revenue and expense on the transfer to the water capital fund;
5. Direct staff to update carry forward balances in the 2026 Capital Budget for changes after year end; and
6. Direct staff to amend the Water Rates Bylaw accordingly.

Alternative 2
The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2026 Operating and Capital Budget and the Five-Year Capital Plan as amended;
2. Approve the 2026 wholesale water rate as amended (amended rate);
3. Approve the 2026 agricultural water rate of $0.2105 per cubic metre;
4. Direct staff to balance the 2025 actual revenue and expense on the transfer to the water capital fund;
5. Direct staff to update carry forward balances in the 2026 Capital Budget for changes after year end; and
6. Direct staff to amend the Water Rates Bylaw accordingly.

IMPLICATIONS

Financial Implications

If the proposed budget is amended, the implications could vary depending on how the budget is amended and the impact on specific initiatives (i.e., new initiatives), on-going operations, or the capital work program. One-time reductions in reserve fund contributions could be considered by the Commission to help mitigate the budget and rate increases, but additional capital financing could result in the longer term.

Any changes in the recommended wholesale water rate would have to be incorporated in the Juan de Fuca Water Distribution Service and Saanich Peninsula Water Service budgets and rates.

CONCLUSION

The draft 2026 Regional Water Supply Service budget is presented for the Regional Water Supply Commission's (Commission) consideration. The Commission will make budget recommendations to the Capital Regional District (CRD) Board through the Committee of the Whole in October. The

draft 2026 Regional Water Supply Service budget was prepared considering the Commission and CRD Board's 2026 service planning and financial expectations, along with direction provided from this Commission. A proposed increase in operating and capital funding combined with an adjusted revenue budget, is resulting in a recommended wholesale water rate of $0.9314 per cubic metre, a 7.91% increase over the 2025 rate.

RECOMMENDATION

The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2026 Operating and Capital Budget and the Five-Year Capital Plan;
2. Approve the 2026 wholesale water rate of $0.9314 per cubic metre;
3. Approve the 2026 agricultural water rate of $0.2105 per cubic metre;
4. Direct staff to balance the 2025 actual revenue and expense on the transfer to the water capital fund;
5. Direct staff to update carry forward balances in the 2026 Capital Budget for changes after year end; and
6. Direct staff to amend the Water Rates Bylaw accordingly.

Submitted by:	Alicia Fraser, P. Eng., General Manager, Infrastructure and Water Services
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ATTACHMENTS

Appendix A: Draft 2026 RWS Service Budget
Appendix B: Debt Outstanding vs. Water Capital Fund Balance
Appendix C: Agricultural Water Rate Funding Comparisons 2011-2024
Appendix D: Wholesale Water Rate - Historical and Projections
Appendix E: Staff Report to Commission - July 16, 2025
Presentation: Regional Water Supply Service 2026 Budget Review

CAPITAL REGIONAL DISTRICT

2026 BUDGET

Regional Water Supply

COMMISSION REVIEW

October 2025

Service: 2.670 **Regional Water Supply** **Commission: Regional Water Supply**

DEFINITION:

To finance, install, operate and maintain a water supply local service in the Capital Regional District, as per the Water Supply Local Service Establishment Bylaw No. 2537.

The establishment and operation of a Regional Water Supply Commission is done by Bylaw No. 2539.

SERVICE DESCRIPTION:

Regional Water Supply is responsible for the water supply, treatment and transmission system for the Greater Victoria region, providing wholesale water to municipalities that operate municipal distribution systems. The service administration and operation is provided by the Integrated Water Services Department.

PARTICIPATION:

City of Victoria	Town of Sidney	District of Metchosin
District of Oak Bay	District of North Saanich	District of Sooke
District of Saanich	Town of View Royal	Juan de Fuca Electoral Area
Township of Esquimalt	City of Colwood	District of Highlands
District of Central Saanich	City of Langford	

MAXIMUM LEVY:

No stated limit in establishment bylaw and no ability to requisition.

MAXIMUM CAPITAL DEBT:

Authorized:	Pre Consolidated MFA Loan Authorizations - Regional Water Supply Water Works Facilities		$137,700,000
Borrowed:			$91,400,000
Remaining:	Expired		$46,300,000
Authorized:	LA Bylaw No. 3451 - Regional Water Supply Land Acquisition		$60,000,000
Borrowed:			$60,000,000
Remaining:			$0
Authorized:	LA Bylaw No. 3902 - Regional Water Supply Water Works Facilities	2014	$12,500,000
Borrowed:			$9,500,000
Remaining:	Expired		$3,000,000
Authorized:	LA Bylaw No. 4382 - Regional Water Supply Water Works Facilities	2021	$46,000,000
Borrowed:			$4,000,000
Remaining:	Active		$42,000,000

FUNDING:

Costs are recovered through the sale of wholesale water.

Change in Budget 2025 to 2026 Service: 2.670 Regional Water Supply	Total Expenditure	Comments
2025 Budget	**44,959,023**	
Change in Wages & Benefits:		
Base wages & benefits change	478,154	Inclusive of estimated collective agreement changes
Step increase/paygrade change	72,383	
IBCs:		
2.0 FTEs - Engineering Resource	310,912	2024 IBC 2b-1.1: Dam Safety Program
0.5 FTE - Operations Coordinator	69,469	2026 IBC: 2b-2.6: Operations Coordinator: 1.0 FTE, 50% RWS, 50% JDFWD
1.0 FTE - Operations Supervisor	115,097	2026 IBC: 2a-2.3: Master Plan Program
1.0 FTE - Reliability/Performance Engineer	129,380	2026 IBC 2b-2.9: Reliability/Operational Performance
1.0 FTE - Sr. Project Manager	169,039	2026 IBC 2a-2.3: Master Plan Program
1.0 FTE - First Nations Liason	108,600	2026 IBC 2a-2.3: Master Plan Program - FTE assigned to 1.027 FNR, cost allocated to 2.670 RWS
1.0 FTE - Paralegal	142,000	2026 IBC 2a-2.3: Master Plan Program - FTE assigned to 1.014B Corporate Services, cost allocated to 2.670 RWS
	(532,842)	Funded through capital program
Total IBCs:	511,654	
Total Change in Wages & Benefits	1,062,191	
Other Changes:		
Transfer to Water Capital Fund	1,500,000	Increased transfer to fund capital program
Contract for Services - one-time	150,000	2026 IBC 2b-2.9: Reliability/Operational Performance - Roadmap Study
Transfer to Equipment Replacement Fund	92,943	Increased contribution for vehicle replacements
Principal and Interest on New Debt	1,070,938	Principal and interest on new debt to fund capital program
Principal and Interest on Maturing Debt	(443,155)	Principal and interest on retiring debt: LA3661-112 of $6.5m; LA3661-116 of $1.5m
Transfer to Debt Reserve Fund	163,817	1% security deposit upon commencement of new debt
Operations & Maintenance Support	70,475	Increased support of ongoing water operations
Conveyance Fee and Agricultural Rate	70,000	
Other Costs	107,920	Inflationary increases on core budget items such as training, travel, professional fees, supplies, etc.
Total Other Changes	2,782,938	
2026 Budget	**48,804,152**	

Summary of % Expense Increase	
Transfer to Water Capital Fund	3.3%
2026 Base salary and benefit change	1.2%
IBCs	1.5%
Debt Servicing Costs	1.4%
Balance of increase	1.1%
% expense increase from 2025:	***8.6%***

Overall 2025 Budget Performance
(expected variance to budget and surplus treatment)

Water demand is forecasted slightly higher than budget ($432k), while operational costs are forecasted below budget due to temporary vacancies ($208k); and lower debt servicing costs due to decreasing interest rates and deferred capital activity ($220k); and various other costs such as meeting expenses, travel, office supplies ($90k). The forecasted net surplus of $950*k will be transferred to the service's Water Capital Fund.*

Rate Base for 2026 Revenue Year

	2024 Application	2025 Application	End of 2025 for '26 Applic.	Change	
Wholesale System					
Physical Plant	$ 232,362,092	$ 229,399,000	$ 241,893,836	$ 12,494,836	*1*
Construction Work in Progress	11,685,562	19,411,782	17,979,375	(1,432,407)	*1*
Cash Working Capital	2,611,253	2,725,626	2,903,232	177,606	
Inventory	225,000	225,000	225,000	-	
Total Wholesale Rate Base	$ 246,883,907	$ 251,761,408	**$ 263,001,443**	$ 11,240,035	

Note 1: Refer to the Schedule of Change in Physical Plan & work in Progress for details.

Schedule of Change in Physical Plant & Work in Progress

Wholesale

Projected Asset Additions	Projected Assets Capitalized
Replacement of the UV System and Controls Upgrades	$ 10,712,786
Goldstream Gatehouse Upgrade	1,807,592
Road Upgrade	1,342,511
Dam Improvements	964,314
Watershed Security Enhancements	955,004
Pipe Replacements	844,407
Water Supply Equipment Upgrades	664,126
Tunnel/Culvert Replacement	662,075
Watershed Culvert Replacement	532,244
Valve Chamber Upgrades	400,000
Meter Replacement	160,000
Leech Watershed initiatives	150,070
Water Quality Program	137,964
Computer Equipment	84,669
Hydrology Equipment	77,279
Other Projects (8 minor projects below $50k)	139,118
Total Projected Assets Capitalized	$ 19,634,159
Less: Current Year's Depreciation	(7,861,169)
Add (Less): Change in prior year forecast addition estimates & disposals	721,846
Change in Physical Plant	**$ 12,494,836**

Projected Construction Work In Progress (CWIP)	Projected Assets CWIP
PIPES	$ 6,300,000
Goldstream Field Operations Centre	2,204,059
Major Main Repairs	1,600,000
Meter Replacement	886,407
Mt Tolmie Reservoirs	850,000
Supply System	636,588
System Modelling & Analytics	491,088
Assessments	564,084
Dam Safety Improvements	430,000
Program Planning & Delivery	413,230
Road Upgrades	394,927
High Level Output Valve Replacement	330,000
Reservoir	283,092
Cathodic Protection Program	250,000
Valve Replacements	250,000
Hydrology Stations	235,000
Sooke Dam Safety Improvements	230,000
IT Infrastructure	225,862
Strategic Asset Management Plan	214,016
SCADA Upgrades	187,353
Critical Equip Storage Building	161,772
Goldstream Treatment Plant Improvements	153,722
GVWSA Road Rehabilitation	131,326
Watershed Security Enhancements	125,000
Critical Facilities Program	121,876
Tunnel Humpback Channel	120,000
Cross Connection	52,022
Water Quality Laboratory Equipment	50,000
Other Projects (7 minor projects under 50k)	87,951
Projected CWIP	$ 17,979,375
Less: Prior year's projected CWIP	(19,411,782)
Change in CWIP	**$ (1,432,407)**

Revenue Requirements for 2026 Year

	2024 Application	2025 Application	2026 Application	Change	
Wholesale system					
Operations & maintenance	$ 21,180,167	$ 22,107,854	$ 23,548,440	$ 1,440,586	
Depreciation	7,159,519	7,299,832	7,861,169	561,337	
Return on rate base	13,520,100	15,363,900	17,044,400	1,680,500	1
Subtotal	$ 41,859,786	$ 44,771,586	$ 48,454,009	$ 3,682,423	
Non-rate revenue	(582,060)	(582,060)	(582,060)	-	
Total Wholesale	$ 41,277,726	$ 44,189,526	**$ 47,871,949**	$ 3,682,423	

Note 1: Return on rate base is calculated with reference to the long-term Canada bond rate and the average debt rate.

2026 Demand Estimate

Wholesale Demand

Years	Actual Demand cu. metre		Budgeted Demand cu.metre
2020	48,730,475		48,000,000
2021	51,797,082		48,000,000
2022	50,297,409		49,000,000
2023	51,886,834		49,500,000
2024	49,774,663		51,000,000
2025	51,700,000	1	51,200,000
2026 Demand Estimate	**51,400,000**		

1. Projected consumption for 2025

Summary of Wholesale Water Rates

	2022	2023	2024	2025	2026	$ Change	% Change
Wholesale water rate							
Unit cost per cu.m.	$ 0.7332	$0.7698	$0.8094	$ 0.8631	$ 0.9314	$ 0.0683	7.91%

Wholesale Water Rate Increase
Impact on Residential Water Bill

Average Annual Consumption: * 239.0 cubic meters

Charge for Twelve Months Consumption	Year	Annual Charge	2026 Annual Change, $
Average Consumption	2025	$ 206.28	
	2026	$ 222.60	$ 16.31
Half Average Consumption	2025	$ 103.14	
	2026	$ 111.30	$ 8.16
Twice Average Consumption	2025	$ 412.56	
	2026	$ 445.19	$ 32.63

** Average Annual Consumption based on 2.303 people per household, per BC Stats 2024 projection*

Schedule A
Asset Useful Life Assignments - PSAB

Classes:	Code	Asset Categories	Useful Life, Years
Land	LAND	Land & Rights of Way * (Note 1)	N/A
Building	BLDG	Building, Permanent	50
	BLOT	Building, Temporary/ Portable	20
	BLFX	Building fixture (*sprinklers)*	20
Equipment	BOAT	Boats & Marine Equipment	10
	COMP	Computer Equipment (*includes software*)	5
	ELEC	Electronic Equipment(*hydromet, weather stn eqpt)*	5
	FIRE	Fire & Safety Equipment	10
	GENT	Generator	20
	HYDR	Hydrants and Standpipes	20
	HYDY	Hydrology	10
	MTRS	Meters	20
	OFFE	Office Equipment	5
	OFFF	Office Furniture	10
	SCDA	SCADA Equipment	10
	SCRN	Intake Screens/Membranes *(stop logs)*	20
	SHOP	Shop Equipment	10
	TELE	Telecommunication Eqpt (*radios, phone systems*)	10
	WEQP	Water Works Eqpt(*W.Quality lab, Wshed eqpt)*	10
	NEW GRP	Weather stn & communication tower	15
Vehicle	VEHC	Vehicles	8
Engineering	BRDG	Bridge	50
Structure	CANL	Canal	50
	DAMS	Dam Structures	100
	PIPE	Pipelines, includes Vaults, Kiosks, Valve chambers	75
	PIPF	Pipelines, fittings	20
	PLPV	Parking lot paved	40
	PSEQ	Pump Station Equipment	20
	PSHS	Pump Station Housing	50
	PRVS	Valves, Flushes & PRV's	20
	RDGR	Roads gravel	20
	RDPV	Roads paved	40
	RESS	Reservoirs (steel & concrete)	50
	REST	Reservoirs (tower/tank)	35
	TANK	Storage tank	40
	TELP	Telephone and Power Lines	50
	TUNN	Tunnel, Culvert and Diversions	50
	WATP	Water Treatment Plant	25
	WELL	Wet well/ Well	50
Other Assets	CSTU	Capital Management Studies	5
	FENC	Fences	15
	LIMP	Land & Yard Improvements	20

Note 1: Land is not depreciated so a useful life assignment is not applicable.

Program Group: CRD-Regional Water Supply

SUMMARY	2025 BOARD BUDGET	2025 ESTIMATED ACTUAL	2026 BUDGET REQUEST: 2026 CORE BUDGET	2026 ONGOING	2026 ONE-TIME	TOTAL (COL 4, 5 & 6)	FUTURE PROJECTIONS: 2027	2028	2029	2030
1	2	3	4	5	6	7	8	9	10	11
GENERAL PROGRAM EXPENDITURES:										
WATERSHED PROTECTION	6,984,067	6,760,304	7,219,613	-	2,500	7,222,113	7,293,184	7,439,692	7,588,844	7,740,979
WATER OPERATIONS	8,138,541	8,023,875	8,572,063	42,965	-	8,615,028	8,866,123	9,223,442	9,412,015	9,609,533
WATER QUALITY	2,133,179	2,106,393	2,185,521	20,000	-	2,205,521	2,268,792	2,333,840	2,400,736	2,469,540
CROSS CONNECTION	836,509	829,299	870,262	-	2,500	872,762	895,145	921,481	948,137	975,568
DEMAND MANAGEMENT	859,872	847,707	882,534	-	2,500	885,034	901,963	925,740	949,723	974,269
INFRASTRUCTURE ENGINEERING	595,345	595,345	653,100	250,600	12,400	916,100	984,180	1,003,874	1,023,942	1,044,409
FLEET OPERATION & MAINTENANCE	(577,541)	(580,379)	(670,484)	-	-	(670,484)	(683,890)	(697,570)	(711,520)	(725,750)
ASSET & MAINTENANCE MANAGEMENT & GM SUPPORT	807,882	809,882	829,236	129,380	163,750	1,122,366	983,385	1,008,606	1,032,962	1,055,999
TOTAL OPERATING EXPENDITURES	19,777,854	19,392,426	20,541,845	442,945	183,650	21,168,440	21,508,882	22,159,105	22,644,839	23,144,547
**Percentage increase over prior year's board budget*			3.86%	2.24%	0.93%	7.03%	1.61%	3.02%	2.19%	2.21%
CONVEYANCE FEE FOR SERVICE TO FIRST NATIONS	480,000	480,000	500,000	-	-	500,000	525,000	550,000	575,000	600,000
AGRICULTURAL WATER RATE FUNDING	1,850,000	1,850,000	1,900,000	-	-	1,900,000	1,950,000	2,000,000	2,050,000	2,100,000
			2.70%			2.70%	2.63%	2.56%	2.50%	2.44%
CAPITAL EXPENDITURES & TRANSFERS										
TRANSFER TO WATER CAPITAL FUND	19,500,000	20,449,682	21,000,000	-	-	21,000,000	23,000,000	25,000,000	26,750,000	32,000,000
TRANSFER TO EQUIPMENT REPLACEMENT FUND	577,541	577,541	670,484	-	-	670,484	683,890	697,570	711,520	725,750
TRANSFER TO DEBT RESERVE FUND	186,373	97,620	350,190	-	-	350,190	402,028	807,397	582,422	321,291
TOTAL CAPITAL EXPENDITURES & TRANSFERS	20,263,914	21,124,843	22,020,674	-	-	22,020,674	24,085,918	26,504,967	28,043,942	33,047,041
DEBT SERVICING										
DEBT-INTEREST & PRINCIPAL	2,587,255	2,454,550	3,215,038	-	-	3,215,038	5,085,239	9,022,542	15,435,390	19,786,491
TOTAL DEBT EXPENDITURES	2,587,255	2,454,550	3,215,038	-	-	3,215,038	5,085,239	9,022,542	15,435,390	19,786,491
DEFICIT TRANSFERRED TO FOLLOWING YR										
TRANSFER TO FOLLOWING YEAR DEFICIT CARRY FORWARD										
TOTAL EXPENDITURES	44,959,023	45,301,819	48,177,557	442,945	183,650	48,804,152	53,155,039	60,236,614	68,749,171	78,678,079
			7.16%	0.99%	0.41%	8.55%	8.91%	13.32%	14.13%	14.44%
SOURCES OF FUNDING										
REVENUE - SALES	(44,190,590)	(44,622,139)	(47,245,307)	(442,945)	(183,650)	(47,871,902)	(52,170,951)	(58,847,157)	(67,584,689)	(77,774,728)
REVENUE - OTHER	(768,433)	(679,680)	(932,250)	-	-	(932,250)	(984,088)	(1,389,457)	(1,164,482)	(903,351)
TOTAL SOURCES OF FUNDING OPERATIONS	(44,959,023)	(45,301,819)	(48,177,557)	(442,945)	(183,650)	(48,804,152)	(53,155,039)	(60,236,614)	(68,749,171)	(78,678,079)
TRANSFER PRIOR YEAR										
TRANSFER TO FOLLOWING YEAR SURPLUS CARRY FORWARD										
TOTAL SOURCES OF FUNDING	(44,959,023)	(45,301,819)	(48,177,557)	(442,945)	(183,650)	(48,804,152)	(53,155,039)	(60,236,614)	(68,749,171)	(78,678,079)
Percentage increase over prior year's board budget			7.16%	0.99%	0.41%	8.55%	8.91%	13.32%	14.13%	14.44%
Water Rate $ per cu. m.	$ 0.8631					$ 0.9314	$ 1.0130	$ 1.1404	$ 1.3072	$ 1.5014
Pencentage increase over prior year	6.63%					7.91%	8.77%	12.58%	14.63%	14.86%

CAPITAL REGIONAL DISTRICT

FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2026 to 2030

Service No. 2.670 Regional Water Supply	Carry Forward from 2025	2026	2027	2028	2029	2030	TOTAL
EXPENDITURE							
Buildings	$11,700,000	$12,200,000	$0	$0	$0	$0	$12,200,000
Equipment	$7,320,000	$7,430,000	$6,845,000	$15,315,000	$17,515,000	$1,565,000	$48,670,000
Land	$830,000	$4,335,000	$2,295,000	$1,795,000	$1,045,000	$695,000	$10,165,000
Engineered Structures	$37,905,000	$45,760,000	$41,855,000	$77,675,000	$58,000,000	$52,500,000	$275,790,000
Vehicles	$804,336	$2,197,336	$945,000	$585,000	$355,000	$0	$4,082,336
	$58,559,336	**$71,922,336**	**$51,940,000**	**$95,370,000**	**$76,915,000**	**$54,760,000**	**$350,907,336**
SOURCE OF FUNDS							
Capital Funds on Hand	$47,235,000	$58,742,253	$20,635,000	$22,717,000	$24,718,000	$26,732,500	$153,544,753
Debenture Debt (New Debt Only)	$0	$882,747	$30,225,000	$72,158,000	$51,642,000	$28,027,500	$182,935,247
Equipment Replacement Fund	$624,336	$1,397,336	$855,000	$495,000	$355,000	$0	$3,102,336
Grants (Federal, Provincial)	$5,500,000	$5,500,000	$0	$0	$0	$0	$5,500,000
Donations / Third Party Funding	$5,200,000	$5,400,000	$225,000	$0	$200,000	$0	$5,825,000
Reserve Fund	$0	$0	$0	$0	$0	$0	$0
	$58,559,336	**$71,922,336**	**$51,940,000**	**$95,370,000**	**$76,915,000**	**$54,760,000**	**$350,907,336**

Definitions for the 5-year Capital Plan

Asset Class	Asset class is used to classify assets for financial reporting in accordance with the Public Sector Accounting Board (PSAB) 3150. **L** - Land **S** - Engineering Structure **B** - Buildings **V** - Vehicles **E** - Equipment
Capital Expenditure Type	Capital expenditure type is used for reporting on asset investments and may be used to justify operational needs for a service. **Study** - Expenditure for feasibility and business case report. **New** - Expenditure for new asset only **Renewal** - Expenditure upgrades an existing asset and extends the service ability or enhances technology in delivering that service **Replacement** - Expenditure replaces an existing asset
Carryforward	Represents the carryforward amount from the prior year capital plan that is remaining to be spent. Forecast this spending over the next 5 years.
Funding Source	**Debt** - Debenture Debt (new debt only) **ERF** - Equipment Replacement Fund **Grant** - Grants (Federal, Provincial) **Cap** - Capital Funds on Hand **Other** - Donations / Third Party Funding **Res** - Reserve Fund **WU** - Water Utility If there is more than one funding source, additional rows are shown for the project.

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2026 - 2030

Service #: 2.670

Service Name: Regional Water Supply

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE									
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2025	2026	2027	2028	2029	2030	5 - Year Total
WATERSHED PROTECTION													
Planning													
25-01	Study	Forest Resilience Studies and Assessments	Modelling, studies and assessments of forest fuels, forest health and efficacy of forest treatments in promoting forest resilience.	**$ 685,000**	L	WU	$ 160,000	**$ 285,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**	$ 585,000
25-02	New	Public Engagement for Regional Water Supply	Public engagement plans and products.	$ 130,000	L	WU	$ 30,000	$ 30,000	$ -	$ 50,000	$ 50,000	$ -	$ 130,000
25-03	Study	GVWSA Risk Assessments & Procedures	Risk assessments and updating procedures for security, biosecurity, spills	**$ 300,000**	L	WU	$ -	**$ 100,000**	$ -	**$ 100,000**	$ -	**$ 100,000**	$ 300,000
25-04	Study	**Master Plan Projects - Watershed Hydrology Support**	**Additional hydrology/water quality data collection and analyses to inform Master Plan infrastructure projects.**	**$ 725,000**	S	WU	$ 30,000	$ 180,000	$ 155,000	**$ 100,000**	**$ 100,000**	**$ 75,000**	$ 610,000
25-05	Study	Forest Management Plan for the GVWSA	Development of a forest management plan for the GVWSA to enhance forest resilience and mitigate climate change.	**$ 220,000**	S	WU	$ -	**$ 100,000**	**$ 100,000**	$ -	$ -	$ -	$ 200,000
Capital													
25-06	New	Forest Resilience Treatments	Thinning, juvenile spacing, forest fuel management treatments to mitigate climate change, reduce wildfire risk and enhance forest resilience.	$ 1,900,000	L	WU	$ 200,000	$ 100,000	$ 400,000	$ 200,000	$ 400,000	**$ 200,000**	$ 1,300,000
25-06	New		Revenue from log sales		L	Other		$ -	$ 200,000	$ -	$ 200,000	$ -	$ 400,000
09-01	Renewal	Leech River Watershed Restoration	A 17 year project to restore the Leech WSA lands for water supply.	$ 5,576,000	L	WU	$ 240,000	$ 180,000	$ 200,000	$ -	$ -	$ -	$ 380,000
16-06	Renewal	**New Field Operations Centre Building**	Renewal of Water Quality field office/lab and equipment storage and Watershed Protection office, yard, training space and equipment storage, replacing longstanding temporary facilities.	$ 15,500,000	B	WU	$ 6,700,000	$ 7,200,000	$ -	$ -	$ -	$ -	$ 7,200,000
16-06	Renewal		Revenue from sale of IWS Goldstream gravel pit to City of Langford		B	Other	$ 5,000,000	$ 5,000,000	$ -		$ -	$ -	$ 5,000,000
25-07	New	Hydromet Upgrades	New and upgraded hydrological and weather sensors and stations.	**$ 972,000**	E	WU	$ 20,000	**$ 120,000**	$ 100,000	$ -	$ 100,000	$ -	$ 320,000
20-01	Replacement	Kapoor Main Mile 1 Bridge and Asphalt Upgrade	Replacement of the existing undersized culvert with a large bridge as well as subsequent 500 m road asphalt replacement.	**$ 1,190,000**	S	WU	$ -	**$ 300,000**	$ -	$ -	$ -	$ -	$ 300,000
25-08	Renewal	Road Improvements	Gravel crushing, road deactivation and road upgrades to service water supply and watershed protection infrastructure and activities in the GVWSA	**$ 2,170,000**	L	WU	$ -	**$ 560,000**	**$ 400,000**	**$ 350,000**	**$ 300,000**	**$ 300,000**	$ 1,910,000
25-09	New	Climate Change Mitigations	Equipment, infrastructure and upgrades to harden water supply infrastructure from climate related risks in the GVWSA	**$ 860,000**	E	WU	$ 100,000	**$ 300,000**	**$ 150,000**	**$ 150,000**	$ 100,000	**$ 100,000**	$ 800,000
25-10	Renewal	Property Management - Assessments and Upgrades	Assessments, planning and implementation of upgrades aimed at newly acquired GVWSA lands.	**$ 683,000**	E	WU	$ -	**$ 225,000**	$ 100,000	$ 100,000	$ -	$ -	$ 425,000
25-11	Renewal	GVWSA Bridge Supply & Installation	Replacement of undersized culverts with climate ready bridges which allow for fish passage.	$ 1,905,000	S	WU	$ -	**$ 450,000**	**$ 475,000**	**$ 475,000**	$ -	**$ 475,000**	$ 1,875,000
Watershed Protection Sub-Total				**$ 32,816,000**			**$ 12,480,000**	**$ 15,130,000**	**$ 2,355,000**	**$ 1,600,000**	**$ 1,325,000**	**$ 1,325,000**	**$ 21,735,000**
INFRASTRUCTURE ENGINEERING AND OPERATIONS													
Planning													
16-10	New	Post Disaster Emergency Water Supply	Identify and procure emergency systems for post disaster preparedness.	$ 2,850,000	S	WU	$ 120,000	$ 320,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,120,000
17-13	New	Asset Management Plan	Development of a plan to inform future areas of study and highlight critical infrastructure improvements.	**$ 1,120,000**	S	WU	$ 180,000	**$ 700,000**	**$ 200,000**	$ -	$ -	$ -	$ 900,000
19-04	Study	Seismic Assessment of Critical Facilities Phase 2	Second phase seismic assessment of critical facilities will now be undertaken.	$ 1,075,000	S	WU	$ 170,000	**$ 170,000**	**$ 200,000**	**$ 200,000**	**$ 200,000**	**$ 200,000**	$ 970,000
20-08	Study	Regional Water DCC Program	Design of a Regional DCC Program	**$ 810,000**	S	WU	$ 200,000	**$ 350,000**	$ 100,000	$ 50,000		$ -	$ 500,000
20-10	Study	Condition & Vulnerability Assessment	Conduct a condition assessment of critical supply infrastructure and assess its possibility of risk.	**$ 400,000**	S	WU	$ 20,000	$ 20,000	$ -	**$ 200,000**	$ -	$ -	$ 220,000
21-05	Study	Level of Service and Transfer Agreements	Develop level-of-service agreements for participating municipalities to address hydraulic capacity of infrastructure.	$ 400,000	S	WU	$ 140,000	$ 240,000	$ 100,000	$ 50,000	$ -	$ -	$ 390,000
27-01	Study	Regional Water Master Plan Update	Future update to the Regional Water Master Plan	$ 500,000	S	WU		$ -	$ 250,000	$ 250,000	$ -		$ 500,000
26-01	**Study**	**Master Plan Program Management**	**Initiation and implementation of the RWS 2022 Master Plan Capital Improvement Program.**	**$ 16,400,000**	**S**	**WU**		**$ 1,000,000**	**$ 1,500,000**	**$ 1,500,000**	**$ 1,500,000**	**$ 1,500,000**	**$ 7,000,000**
23-12	Study	Project Delivery Strategies and Planning Studies	Develop a strategy to deliver the identified projects from the 2022 RWS Master Plan.	$ 700,000	S	WU	$ 50,000	$ 50,000					$ 50,000.00

Service #: 2.670

Service Name: Regional Water Supply

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE									
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2025	2026	2027	2028	2029	2030	5 - Year Total
26-02	**Study**	**Master Plan Project Delivery**	**Continued planning, investigation and design of projects identified in the RWS 2022 Master Plan.**	**$ 37,325,000**	**S**	**WU**	**$ -**	**$ 1,675,000**	**$ 4,450,000.00**	**$ 7,950,000.00**	**$ 8,400,000.00**	**$ 14,850,000.00**	**$ 37,325,000.00**
26-03	**Study**	**Water Utility Rate Model**	**Review and assessment of current water rate model to assess best practice going forward.**	**$ 250,000**	**S**	**WU**		**$ 50,000**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 250,000.00**
Capital													
18-08	Replacement	Bulk Supply Meter Replacement and Backflow Prevention Program	Planned replacement of aging bulk meter replacement based upon a condition assessment and water audit.	$ 3,700,000	E	WU	$ 500,000	**$ 600,000**	$ 1,000,000	$ 100,000	$ 1,000,000		$ 2,700,000
18-15	Renewal	Corrosion Protection Program	Study deficiencies in the current material protection and implement recommendations.	$ 1,450,000	S	WU	$ 50,000	**$ 200,000**	$ 100,000	$ 100,000	$ 100,000		$ 500,000
19-23	New	Critical Spare Equipment Storage & Pipe Yard	Plan, design and construct a critical equipment storage building.	**$ 4,050,000**	S	WU	$ 700,000	**$ 3,500,000**	$ -	$ -	$ -	$ -	$ 3,500,000
20-16	Replacement	Cecelia Meter Replacement	Replacement of the Cecelia billing meter as well as its enclosure.	$ 1,500,000	S	WU	$ 600,000	$ 600,000	$ -	$ -	$ -	$ -	$ 600,000
20-17	Replacement	Decommission & Conceptual Design of the Smith Hill Site	Plan for decommission the conceptual design for the replacement of the Smith Hill reservoir site.	$ 1,450,000	S	WU	$ 300,000	$ 600,000	$ 600,000	$ -	$ -	$ -	$ 1,200,000
21-10	Replacement	SCADA Masterplan and System Upgrades	Update the SCADA Master Plan in conjunction with the Juan de Fuca Water Distribution, Saanich Peninsula Water and Wastewater, and Core Area Wastewater Services.	$ 2,150,000	E	WU	$ 850,000	$ 850,000	$ 600,000	$ 300,000	$ -	$ -	$ 1,750,000
21-11	Replacement	RWS Supply Main No. 4 Upgrade & Main No. 1 High Pressurizing	Upgrade vulnerable sections of the RWS Supply Main No. 4 and Main No. 1 to a resilient system to better able to withstand a seismic event. Vulnerable sections are Concrete Cylinder pipe material which is susceptible to failure during a seismic event. This is part of project partnered with the Saanich Peninsula Water system.	$ 93,000,000	S	WU	$ 2,000,000	$ 5,000,000	$ 15,000,000	$ 60,000,000	$ 11,400,000	$ -	$ 91,400,000
22-15	New	Microwave Radio Upgrades	To provide a high bandwidth communications backbone to the RWS system, a microwave communications system will be installed.	$ 1,300,000	S	WU	$ 630,000	$ 830,000	$ 100,000	$ 100,000	$ -	$ -	$ 1,030,000
23-16	Renewal	Humpback Channel Assessment	Hydraulically assess the Humpback Overflow channel and conduct a condition assessment of the culverts at the Gatehouse.	$ 200,000	S	WU	$ 80,000	$ 80,000	$ -	$ -	$ -	$ -	$ 80,000
23-17	Replacement	Main No. 4 - Mt Newton to Highway 17 & Bear Hill Trunk Extension (RWS Contribution to SPWS Project)	Approximately 2.9km of Main No. 4 concrete cylinder tranmission main to replacement from Mt Newton Cross Rd/Central Saanich Rd to Island View Rd and Lochside Drive. This project is also being expanded to partially fund the extension of the Bear Hill Tunk Sewer on East Saanich Road from Wallace Drive to Dean Lower Tank.	$ 39,000,000	S	WU	$ 25,500,000	$ 16,000,000	$ 13,700,000	$ -	$ -	$ -	$ 29,700,000
23-17	Replacement				S	Grant	$ 5,500,000	$ 5,500,000	$ -	$ -	$ -	$ -	$ 5,500,000
28-01	Renewal	Transmission Main Upgrade Program	Identify, conceptually design, detail design and construct transmission main upgrades.	$ 160,000,000	S	WU		$ -	$ -	$ -	$ 30,000,000	$ 30,000,000	$ 60,000,000
24-11	Replacement	IT Core Infrastructure Replacement and cyber security upgrades.	Replacement and upgrades to Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life and cyber security upgrades. Includes IT equipment located at tower sites within the RWS system.	$ 420,000	E	WU	$ 25,000	$ 25,000	$ 130,000	$ 250,000	$ -	$ -	$ 405,000
24-12	Renewal	Head Tank Valve & Main No. 4&5 Valve Replacement	Supply and installation of valves and actuators at Head Tank and Main #4&5. Includes flushing plan and coordination efforts.	**$ 1,750,000**	E	WU	$ 200,000	$ 200,000	**$ 1,100,000**		$ -	$ -	$ 1,300,000
24-19	Renewal	Mount Tolmie Tank Assessment and Improvements	Structural and infiltration improvements, as well as overall hydraulic review of Main No. 3 storage and improvements to controls, piping and other deficiencies.	$ 5,500,000	E	WU	$ 3,000,000	$ 750,000	$ 1,500,000	$ 2,250,000	$ 150,000	$ -	$ 4,650,000
25-24	Renewal	Water Treatment Plant Improvements Program	Ongoing program to address multiple, small to mid-scale capital improvements required at the Goldstream WTP and Sooke River Road WTP.	$ 1,150,000	E	WU	$ 400,000	$ 500,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 900,000
26-04	**Study**	**Kapoor Tunnel Assessment and Inspections**	**Development of inspection and monitoring plan for ongoing asset management.**	**$ 750,000**	**E**	**WU**		**$ 250,000**	$ -	**$ 500,000**	$ -	$ -	**$ 750,000.00**
27-02	**Replacement**	**Supply Main No. 11 Concrete Pipe Replacement and bridge crossing**	**Replacement of segment of Concrete Cylinder Pipe from Sooke Lake Dam to Head Tank. Incorporate bridge replacement at spillway crossing.**	**$ 25,000,000**	**E**	**WU**		**$ -**	**$ 500,000.00**	**$ 10,000,000.00**	**$ 14,500,000.00**	**$ -**	**$ 25,000,000.00**
Infrastructure Engineering and Operations Sub-Total				**$ 404,200,000**			**$ 41,215,000**	**$ 40,060,000**	**$ 41,630,000**	**$ 84,100,000**	**$ 67,550,000**	**$ 46,850,000**	**$ 280,190,000**

Service #: 2.670

Service Name: Regional Water Supply

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE									
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2025	2026	2027	2028	2029	2030	5 - Year Total
DAM SAFETY PROGRAM													
19-07	New	Integrate Dam Performance and Hydromet to SCADA	IT driven project to integrate the dam safety instrumentation/surveillance (i.e. piezometers and weirs) and HydroMet stations to report to WIO through the existing SCADA system.	$ 1,300,000	E	WU	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
19-13	New	Dam Safety Instrumentation	The existing dam safety instrumentation/surveillance equipment is getting older and will need to be replaced/rehabilitated (does not include pending SCADA effort). IT Driven Project	$ 250,000	E	WU	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -	$ 250,000
25-13	Study	Sooke Lake & Deception Water Supply Area Dams - Regulatory Compliance, Dam Safety Planning & Analyses	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for the various dams within the Sooke Lake Watershed. Outcomes from the various studies will inform future capital improvements.	$ 3,500,000	S	WU	$ 440,000	**$ 1,440,000**	**$ 1,200,000**	**$ 800,000**	**$ 350,000**	**$ 600,000.00**	$ 4,390,000
25-14	Renewal	Sooke Lake & Deception Water Supply Area Dams - Upgrades and Improvements Program	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Sooke Lake Water Supply Area Dams - Regulatory, Planning & Analysis Program.	**$ 18,250,000**	S	WU	$ 500,000	**$ 3,000,000**	**$ 1,500,000**	**$ 3,750,000**	**$ 3,500,000**	**$ 3,000,000**	$ 14,750,000
25-15	Study	Goldstream Water Supply Area Dams - Regulatory Compliance, Dam Safety Planning & Analyses	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for the various dams within the Goldstream Watershed. Outcomes from the various studies will inform future capital improvements.	$ 7,200,000	S	WU	**$ 250,000**	**$ 550,000**	**$ 300,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	$ 1,000,000
25-16	Renewal	Goldstream Water Supply Area Dams - Upgrades and Improvements Program	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Goldstream Water Supply Area Dams - Regulatory, Planning & Analysis Program.	**$ 2,900,000**	S	WU	$ 200,000	**$ 1,200,000**	$ 250,000	$ 750,000	$ 900,000	**$ 400,000**	$ 3,500,000
25-17	Study	Charters Dam - Regulatory Compliance, Dam Safety Planning & Analyses	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for Charters Dam. Outcomes from the various studies will inform future capital improvements.	$ 100,000	S	WU	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
25-18	Renewal	Charters Dam - Upgrades and Improvements Program	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Charters Dam - Regulatory, Planning & Analysis Program.	$ 200,000	S	WU	$ 25,000	$ 25,000	$ 25,000	$ -	$ 150,000	$ -	$ 200,000
Dam Safety Program Sub-Total				**$ 33,700,000**			**$ 2,765,000**	**$ 7,565,000**	**$ 3,275,000**	**$ 5,350,000**	**$ 4,950,000**	**$ 4,050,000**	**$ 25,190,000**
WATER QUALITY													
20-04	New	Sooke Lake HyDy Model Development	Critical data collection, model building+calibration, model utilization for 3 different scenarios	$ 520,000	E	WU	$ 150,000	**$ 150,000**	$ -	$ -	$ -		$ 150,000
25-19	Study	WQ Studies and Research Projects	Ongoing program budget for water quality studies and operation of Sooke Lake Hydrodynamic Model.	$ 1,000,000	S	WU	$ 100,000	**$ 300,000**	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,100,000
24-04	Study	Sooke Lake Drawdown Study	Investigate drawdown effects on Sooke Lake water quality and ecosystem impacts with max drawdown and determine a safe max drawdown level for SOL.	$ 100,000	S	WU	$ 20,000	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
Water Quality Sub-Total				**$ 1,620,000**			**$ 270,000**	**$ 470,000**	**$ 200,000**	**$ 200,000**	**$ 200,000**	**$ 200,000**	**$ 1,270,000**
ANNUAL PROVISIONAL													
17-27	Replacement	Watershed Culvert Replacement	Replacement of small culverts throughout the GVWSA.	$ 1,300,000	S	WU		$ 260,000	$ -	$ -	$ -	$ -	$ 260,000
17-28	Replacement	Watershed Security Infrastructure Upgrade & Replacement	New, upgrade and replacement of security infrastructure in the GVWSA.	$ 1,500,000	E	WU		$ 300,000	$ 300,000	$ 300,000	$ 300,000	**$ 300,000**	$ 1,500,000
17-29	Replacement	Water Supply Area Equipment & Replacement	Hydrometeorological, fireweather and wildfire suppression equipment replacement.	$ 720,000	E	WU		$ 160,000	$ 140,000	$ 140,000	$ 140,000	**$ 140,000**	$ 720,000
17-30	Replacement	Transmission Main Repairs	Emergency repairs to the transmission mains.	$ 1,000,000	S	WU		$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000.00	$ 1,000,000
17-31	Replacement	Transmission System Components Replacement	Replacement and repair of transmission components.	$ 400,000	S	WU		$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000.00	$ 400,000
17-33	Replacement	Disinfection Equipment and other Water Treatment Components and Parts Replacement	Replacement of incidental equipment and parts associated with the water treatment facilities.	$ 1,000,000	E	WU		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 1,500,000
17-34	Renewal	Supply System Computer Model Update	Annual update of the regional hydraulic model.	$ 100,000	S	WU		$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 100,000
19-16	Replacement	Dam Improvements	Items not covered by Dam Safety Reviews, but brought up in Dam Safety Inspections and Dam Safety Reviews and address items in the dam safety database/risk registry and to support operations.	$ 1,675,000	S	WU		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 1,500,000
19-22	Replacement	SCADA Repairs, Equipment Replacement and Comms upgrades	Items not covered by the SCADA Replacement and SCADA Master Plan, but integral in maintaining the SCADA System and revenue meter system.	$ 750,000	E	WU		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000
21-15	Replacement	Corrosion Protection	Replace corrosion protection assets, such as coatings, for the transmission system when identified.	$ 250,000	S	WU		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000
21-16	Replacement	Valve Chamber Upgrades	Replace failing valves and appurtenances along the RWS supply system.	$ 1,500,000	S	WU		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 1,500,000
21-17	Replacement	Water Quality Equipment Replacement	Replacement of water quality equipment for the water quality lab and water quality operations	$ 250,000	E	WU		$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 1,250,000
21-18	Renewal	LIMS support	Support for LIMS database	$ 125,000	E	WU		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 125,000
23-20	Study	Land Exchange/Acquisition	Land surveys, appraisals to support decisions regarding land exchange to increase catchment area, buffer water supply areas and other possible land exchange and acquisition within the RWS system.	$ 220,000	L	WU		$ 80,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 160,000
Annual Provisional Sub-Total				**$ 10,790,000**			**$ -**	**$ 2,475,000**	**$ 2,135,000**	**$ 2,135,000**	**$ 2,135,000**	**$ 2,135,000**	**$ 11,015,000**

Service #: 2.670

Service Name: Regional Water Supply

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE									
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2025	2026	2027	2028	2029	2030	5 - Year Total
CORPORATE ASSET AND MAINTENANCE MANAGEMENT (CAMM)													
17-35	Replacement	Vehicle & Equipment Replacement (Funding from Replacement Fund)	This is for replacement of vehicles and equipment used by CRD Water Services for the day-to-day operation and maintenance of the supply system.	$ 4,169,250	V	ERF	$ 624,336	$ 1,397,336	$ 855,000	$ 495,000	$ 355,000	$ -	$ 3,102,336
23-21	New	EV Charging Stations Electrical Infrastructure	Electrical System upgrades at 479 Island Hwy to power up 44 charging stations	$ 1,255,000	E	WU	$ 300,000	$ 300,000	$ -	$ -	$ -	$ -	$ 300,000
23-22	New	Fuel Truck	Fuel tender truck	$ 325,000	E	WU	$ 325,000	$ 325,000	$ -	$ -	$ -	$ -	$ 325,000
23-31	New	**Land and Site Works**	**Purchasing of land and site works to support RWS facilities.**	$ 6,500,000	L	WU	$ 200,000	$ 3,000,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ 5,000,000
25-22	New	New Vehicles - Watershed & Water Operations	4 New Electric Vehicles for Watershed & Water Operations	$ 360,000	V	WU	$ 180,000	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
25-23	New	Enterprise Asset Management System	Development of EAM system, including software and process implementation, for services to maintain assets and report on asset performance.	$ 4,600,000	E	WU	$ -	$ -	$ 375,000	$ 400,000	$ 400,000	$ 200,000	$ 1,375,000
25-23	New	Enterprise Asset Management System			E	Other	$ 200,000	$ 400,000	$ 25,000	$ -	$ -	$ -	$ 425,000
26-05	**New**	**New Electric Vehicles Watershed, Fleet Pool**	**New electric vehicles for Watershed and Fleet pool.**	**$ 360,000**	**V**	**WU**	**$ -**	**$ 180,000**	**$ 90,000.00**	**$ 90,000.00**	**$ -**	**$ -**	**$ 360,000.00**
26-06	**New**	**Fleet Service Trucks**	**One new heavy pickup truck and transfer Regional Parks Ops fleet mechanic service truck to Corporate Fleet.**	**$ 180,000**	**V**	**WU**	**$ -**	**$ 180,000**		**$ -**	**$ -**	**$ -**	**$ 180,000.00**
26-07	**New**	**Flail Mower and addition of deck mower attachment**	**Transfer of Parks Flail Mower to RWS-WP and addition of deck mower attachment**	**$ 260,000**	**V**	**WU**		**$ 260,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 260,000.00**
CAMM Sub-Total				**$ 18,009,250**			**$ 1,829,336**	**$ 6,222,336**	**$ 2,345,000**	**$ 1,985,000**	**$ 755,000**	**$ 200,000**	**$ 11,507,336**
			Grand Total	**$ 501,135,250**			**$ 58,559,336**	**$ 71,922,336**	**$ 51,940,000**	**$ 95,370,000**	**$ 76,915,000**	**$ 54,760,000**	**$ 350,907,336**

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Project Number	25-01	**Capital Project Title**	Forest Resilience Studies and Assessments	**Capital Project Description**	Modelling, studies and assessments of forest fuels, forest health and efficacy of forest treatments in promoting forest resilience.
Project Rationale	Watershed Protection is undertaking and working collaboratively with academic institutions and federal and provincial agencies on a variety of assessments and research studies relating to the health of forests and other ecosystems in the GVWSA, how projected climate change could affect forest health and wildfire in the GVWSA, how forest management could reduce potential threats to forests, and the effects of existing forest thinning trials and fuel management activities. The results of these assessments and studies will be used to inform the forest management plan for the GVWSA (Project 25-05).				

Project Number	25-02	**Capital Project Title**	Public Engagement for Regional Water Supply	**Capital Project Description**	Public engagement plans and products.
Project Rationale	The Watershed Protection division provides educational tours of the GVWSA and Regional Water Supply infrastructure and is seeking new ways to making this information available to a broader portion of the service area population. In future years, enhanced public engagement on the master plan will be undertaken.				

Project Number	25-03	**Capital Project Title**	GVWSA Risk Assessments & Procedures	**Capital Project Description**	Risk assessments and updating procedures for security, biosecurity, spills
Project Rationale	Assessments such as biosecurity and security are required to determine how best to reduce risks to water quality in the GVWSA. The results of assessments are used to develop and implement plans and procedures.				

Project Number	25-04	**Capital Project Title**	Master Plan Projects - Watershed Hydrology Support	**Capital Project Description**	Additional hydrology/water quality data collection and analyses to inform Master Plan infrastructure projects.
Project Rationale	Additional hydrology and water quality data and analyses are needed to provide a good quality dataset to inform Master Plan infrastructure projects.				

Project Number	25-05	**Capital Project Title**	Forest Management Plan for the GVWSA	**Capital Project Description**	Development of a forest management plan for the GVWSA to enhance forest resilience and mitigate climate change.
Project Rationale	Development of a forest management plan for the GVWSA to enhance forest resilience and mitigate climate change based on modelling, risk assessment, input from subject matter experts, First Nations and the public.				

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Project Number	25-06	**Capital Project Title**	Forest Resilience Treatments	**Capital Project Description**	Thinning, juvenile spacing, forest fuel management treatments to mitigate climate change, reduce wildfire risk and enhance forest resilience.
Project Rationale	This project will be used to fund a variety of forest and fuel management treatments to reduce risks and enhance the resilience of forests in the GVWSA in a changing climate. The specific approaches and methologies will be informed by the results of a variety of landscape level inventories and assessments and learnings from the evaluation of the effectiveness and effects of forest and fuel management to date.				

Project Number	09-01	**Capital Project Title**	Leech River Watershed Restoration	**Capital Project Description**	A 17 year project to restore the Leech WSA lands for water supply.
Project Rationale	A 17 year project to restore the Leech WSA lands for water supply. An update of projects completed and planned was provided in June 2019 (RWSC Report #19-13). Recent years funding has been used predominantly to upgrade the permanent road network. A review will be undertaken and the final years of funding assigned to ensure substantial completion of the recommendations of the Leech River Watershed Assessment.				

Project Number	16-06	**Capital Project Title**	New Field Operations Centre Building	**Capital Project Description**	Renewal of Water Quality field office/lab and equipment storage and Watershed Protection office, yard, training space and equipment storage, replacing longstanding temporary facilities.
Project Rationale	Watershed Protection staff (27 FTE and 8 seasonal auxiliaries) are currently located in 2 trailers and a house at the Goldstream Gate entrance to the water supply area, and in office space at the Integrated Water Services office in View Royal. The trailers were considered temporary office space since their implementation over 15 years ago. The trailers are old, prone to leaks and a concern for mold. Water Quality field staff are located in another temporary facility, since their field office was on the gravel pit property that was sold to Langford. In addition, there are insufficient facilities for operational training, equipment storage, emergency management and public education. The separation of staff between various Goldstream facilities and the View Royal location causes inefficiencies and organizational difficulties. The IWS office is also above capacity and moving Watershed Protection staff out will extend the existing office space. A design build contract is being signed in September 2025 to deliver the project with a rough total project cost of $15.5 million. Funding of $ 5 million to the project was obtained through the completion of sale of the IWS gravel pit to City of Langford. Additional funding of $3 million will be transferred from CRD Corporate for Emergency Operations Centre and office space.				

Project Number	25-07	**Capital Project Title**	Hydromet Upgrades	**Capital Project Description**	New and upgraded hydrological and weather sensors and stations.
Project Rationale	Watershed Protection manages a network of 13 weather stations and 23 hydrometric (stream monitoring) stations in the GVWSA. Data from these stations are used to inform decision making relating to reservoir inflows, reservoir management, wildfire restrictions and wildfire response, flood and emergency repnse, and for assessments, modelling, analyses, and strategic and operational planning. The network was started in 1995 and new standards, technologies, and data needs require new stations and the upgrade and expansion of existing stations and data download, management, and distribution capabilities for continual improvement.				

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Project Number	20-01	**Capital Project Title**	Kapoor Main Mile 1 Bridge and Asphalt Upgrade	**Capital Project Description**	Replacement of the existing undersized culvert with a large bridge as well as subsequent 500 m road asphalt replacement.
Project Rationale	In 2025 the existing culvert at Mile 1 on Kapoor Main (which is the primary access road to Sooke Lake Reservoir and Dam) was replaced with a bridge to improve water carrying capacity at peak flows, fish passage and bank stability. The asphalt section uphill of the bridge is to be replaced in 2026.				

Project Number	25-08	**Capital Project Title**	Road Improvements	**Capital Project Description**	Gravel crushing, road deactivation and road upgrades to service water supply and watershed protection infrastructure and activities in the GVWSA
Project Rationale	The network of roads within the GVWSA provide access to water supply facilities and infrastructure and for emergency response, security patrols, watershed management activities as well as research and monitoring. It is important that these roads be upgraded to accommodate the increased intensity, frequency, duration of major rainfall events with projected climate change, that new roads are developed where needed, and that unneccessary an/or poorly located roads are deactivated to reduce maintenance costs and reduce environmental concerns.				

Project Number	25-09	**Capital Project Title**	Climate Change Mitigations	**Capital Project Description**	Equipment, infrastructure and upgrades to harden water supply infrastructure from climate related risks in the GVWSA
Project Rationale	This fund consolidates a number of smaller projects to purchase equipment and develop or update infrastructure within the GVWSA to improve response to extreme weather events, adapt to increased variation in the level of Sooke Lake Reservoir, and reduce risk to key infrastructure. A focus for 2026 is reducing risk of wildfire stemming from sparks from the powerline along Sooke Lake Reservoir by assessing and mitigating trees that could fall onto the line; as well as planning and implementing a dock for Sooke Lake Reservoir.				

Project Number	25-10	**Capital Project Title**	Property Management - Assessments and Upgrades	**Capital Project Description**	Assessments, planning and implementation of upgrades aimed at newly acquired GVWSA lands.
Project Rationale	When new properties are aquired, there are assessments that need to be carried out to determine the condition of roads and drainage structures, identify security needs, and other land/forest management issues, and then plan and implement improvements to meet CRD requirements and integrate these lands into Watershed Protection management programs. A focus in 2026 will be the newly acquired Kapoor lands as well as the Malahat Estates parcel.				

Project Number	25-11	**Capital Project Title**	GVWSA Bridge Supply & Installation	**Capital Project Description**	Replacement of undersized culverts with climate ready bridges which allow for fish passage.
Project Rationale	Watershed Protection has inventoried all drainage structures (culverts) within the GVWSA and is systematically replacing undersized structures on major streams with bridges to meet current environmental and flow standards and accommodate the projected increases in stream flows with a changing climate. This fund will be used for the costs associated with assessments, engineering, construction and installation of bridge projects in the GVWSA. The funds allocated implement one bridge project per year.				

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Project Number	16-10	**Capital Project Title**	Post Disaster Emergency Water Supply	**Capital Project Description**	Identify and procure emergency systems for post disaster preparedness.
Project Rationale	In the event of a disaster, it is proposed to have in place the ability to source, treat (if required) and distribute drinking water during the initial and sustained response and recovery phases to the public. This item will see the study of the issue in 2016 and 2017 with the anticipated purchase of one or more emergency distribution systems in 2017. Initial investigation has highlighted areas, such as having hardened hydrants/standpipes that the CRD should be investing in. Additional funds are required to continue implementing these additional works and equipment.				

Project Number	17-13	**Capital Project Title**	Asset Management Plan	**Capital Project Description**	Development of a plan to inform future areas of study and highlight critical infrastructure improvements.
Project Rationale	Asset Management Planning necessary to effectively manage asset life cycles and plan for future improvement works.				

Project Number	19-04	**Capital Project Title**	Seismic Assessment of Critical Facilities Phase 2	**Capital Project Description**	Second phase seismic assessment of critical facilities will now be undertaken.
Project Rationale	Initially identified as a priority froman earlier iteration of the Strategic Plan, a second phase seismic assessment of critical facilities will now be undertaken.				

Project Number	20-08	**Capital Project Title**	Regional Water DCC Program	**Capital Project Description**	Design of a Regional DCC Program
Project Rationale	Development and implementation of a Developer Cost Charge (DCC) program for the Regional Water Supply system. This program will help identified where projects are required for future growth and help fund those costs from developments.				

Project Number	20-10	**Capital Project Title**	Condition & Vulnerability Assessment	**Capital Project Description**	Conduct a condition assessment of critical supply infrastructure and assess its possibility of risk.
Project Rationale	The RWSC is a large system with infrastructure of various ages and condition. Funding is required to conduct a condition assessment of critical infrastructure, assess their risk of failure, and provide a high level timeline for replacement/renewal.				

Project Number	21-05	**Capital Project Title**	Level of Service and Transfer Agreements	**Capital Project Description**	Develop level-of-service agreements for participating municipalities to address hydraulic capacity of infrastructure.
Project Rationale	Develop level-of-service agreements for participating municipalities to address hydraulic capacity of infrastructure.				

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Project Number	27-01	**Capital Project Title**	Regional Water Master Plan Update	**Capital Project Description**	Future update to the Regional Water Master Plan
Project Rationale	Update the RWS 2022 Master Plan based upon findings of the planning studies completed to date and work-in-progress being completed by Carollo Engineers. To re-assess the impacting factors such as climate change, population growth, water demand, changing regulations, etc. It is proprosed to complete the work that is underway in order to inform the update and therefore deferring this project until 2028.				

Project Number	26-01	**Capital Project Title**	Master Plan Program Management	**Capital Project Description**	Initiation and implementation of the RWS 2022 Master Plan Capital Improvement Program.
Project Rationale	Funding to cover forecasted program management costs.				

Project Number	23-12	**Capital Project Title**	Project Delivery Strategies and Planning Studies	**Capital Project Description**	Develop a strategy to deliver the identified projects from the 2022 RWS Master Plan.
Project Rationale	In 2025, Carollo Engineers initiated its assignment to define many program management related topics, all to be summed up into a Program Implementation Plan (PIP). This PIP will address the program governace framework, program resourcing plan, funding and grant strategy, permitting, regulatory management plan, communications plan, project delivery/procurement models, First Nations engagement, funding strategy, etc. Once Carollo is complete with the current assignment, this capital project will carry-on in subsequent years to address the foregoing during the life of the program.				

Project Number	26-02	**Capital Project Title**	Master Plan Project Delivery	**Capital Project Description**	Continued planning, investigation and design of projects identified in the RWS 2022 Master Plan.
Project Rationale	Consolidates existing projects #23-13, #23-24, #23-25, #23-26, #23-27, and #23-28 in the short-term until Carollo Engineers completes its current assignment. Further, conceptualization of the projects identified in the RWS 2022 Master Plan based on the program risk management strategy, program vision, goal, and guiding principles, and updated project prioritization. A future Comprehensive Project Definition Report will address many topics for all of the proposed projects including siting studies, long term water supply planning, land acquisition requirements, conceptual design, geotechnical investigations, permitting, schedule development and cost estimating. This will also include the Filtration Plant Pilot Testing, and detailed design for the various projects. Carollo will provide a detailed work-breakdown-structure of scope, schedule and budgets for each project that will be reintroduced in subseqent capital plans.				

Project Number	26-03	**Capital Project Title**	Water Utility Rate Model	**Capital Project Description**	Review and assessment of current water rate model to assess best practice going forward.
Project Rationale	Necssary to keep ahead of service financial sustainability.				

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Project Number	18-08	**Capital Project Title**	Bulk Supply Meter Replacement and Backflow Prevention Program	**Capital Project Description**	Planned replacement of aging bulk meter replacement based upon a condition assessment and water audit.
Project Rationale	This item is to replace, upgrade and install new bulk water meters and related equipment that measure flow and volumes of water delivered to the wholesale customers. Many of the meter stations are in need of upgrading. Funding is required to replace the flow meter and appurtenances.				

Project Number	18-15	**Capital Project Title**	Corrosion Protection Program	**Capital Project Description**	Study deficiencies in the current material protection and implement recommendations.
Project Rationale	This item is to assess, design and implement cathodic protection for the various infrastructure, including steel pipes, that are susceptible to corrosion. The supply system has various implementations of cathodic protection ranging from interior/exterior coatings for pipe and passive anodes to impressed current systems with variable results and condition. Funding is required for ongoing improvements as recommended by a cathodic protection specialist.				

Project Number	19-23	**Capital Project Title**	Critical Spare Equipment Storage & Pipe Yard	**Capital Project Description**	Plan, design and construct a critical equipment storage building.
Project Rationale	Additional and accessible storage is required at the pipe yard for critical spare equipment such as repair bands and clamps. Funds are required to pland, design and construct an equipment storage building accessible by loading vehicles.				

Project Number	20-16	**Capital Project Title**	Cecelia Meter Replacement	**Capital Project Description**	Replacement of the Cecelia billing meter as well as its enclosure.
Project Rationale	Project to replace Cecelia Water Meter, which was identified in a previous consultant report as in need of replacement for end of life and accuracy. This is RWS' largest billing meter.				

Project Number	20-17	**Capital Project Title**	Decommission & Conceptual Design of the Smith Hill Site	**Capital Project Description**	Plan for decommission the conceptual design for the replacement of the Smith Hill reservoir site.
Project Rationale	The Smith Hill reservoir has not been in operation for many years. Consideration for decommissioning now has to be factored in with recent suggestions in the 2022 Master Plan.				

Project Number	21-10	**Capital Project Title**	SCADA Masterplan and System Upgrades	**Capital Project Description**	Update the SCADA Master Plan in conjunction with the Juan de Fuca Water Distribution, Saanich Peninsula Water and Wastewater, and Core Area Wastewater Services.
Project Rationale	The SCADA and radio system utilized by the RWS comprises of components ranging from 2-25 years in age. A planned replacement of assets, to be coordinated with the Juan de Fuca Water Distribution and Saanich Peninsula Water & Wastewater Systems is required to create a more resilient and cohesive communications system				

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Project Number	21-11	**Capital Project Title**	RWS Supply Main No. 4 Upgrade & Main No. 1 High Pressurizing	**Capital Project Description**	Upgrade vulnerable sections of the RWS Supply Main No. 4 and Main No. 1 to a resilient system to better able to withstand a seismic event. Vulnerable sections are Concrete Cylinder pipe material which is susceptible to failure during a seismic event. This is part of project partnered with the Saanich Peninsula Water system.
Project Rationale	Sections of RWS Supply Main No. 4 have been identified as being vulnerable due to age and material type during a seismic event and require replacement. To support replacement of the Goldstream section of Main No. 4, improvements to RWS Supply Main No. 1 are required, such as replacement of approximately 40 m of transmission Main #1 at Watkiss Way and upgrade of the Watkiss PRV, upgrade of the Millstream PRV, modifications to the Humpback PRV and construction of five new pressure control stations. This project is part of a project partnered with the Saanich Peninsula Water System to increase the resilience of the water system by replacing vulnerable sections of transmission mains.The budget breakdown of the works: Goldstream section of Main #4 $21,975,000; Watkiss Way section of Main #1 $950,000; Watkiss PRV $1,250,000; Millstream PRV $1,350,000; Humpback PRV improvements $825,000; Five new PRVs				

Project Number	22-15	**Capital Project Title**	Microwave Radio Upgrades	**Capital Project Description**	To provide a high bandwidth communications backbone to the RWS system, a microwave communications system will be installed.
Project Rationale	To provide a high bandwidth communications backbone to the RWS system, a microwave communications system will be installed. Supports current and future fire detection cameras.				

Project Number	23-16	**Capital Project Title**	Humpback Channel Assessment	**Capital Project Description**	Hydraulically assess the Humpback Overflow channel and conduct a condition assessment of the culverts at the Gatehouse.
Project Rationale	Hydraulically assess the overflow system to determine what upgrades or alterations may be required to avoid system failure in extreme weather events. Previous system failures have resulted in damage to the adjacent roadway and significant erosion at the outlet, exposing main No. 4.				

Service:	2.670	Regional Water Supply

Project Number	23-17	**Capital Project Title**	Main No. 4 - Mt Newton to Highway 17 & Bear Hill Trunk Extension (RWS Contribution to SPWS Project)	**Capital Project Description**	Approximately 2.9km of Main No. 4 concrete cylinder tranmission main to replacement from Mt Newton Cross Rd/Central Saanich Rd to Island View Rd and Lochside Drive. This project is also being expanded to partially fund the extension of the Bear Hill Tunk Sewer on East Saanich Road from Wallace Drive to Dean Lower Tank.
Project Rationale	Main No. 4 project portion: Replacement of concrete cylinder pipe on Main No. 4 is deemed critical for resiliency of the water supply to the Saanich Peninsula. A Strategic Priorities Fund grant was approved to fund a portion of this work. CRD have since expanded the scope and adjusted the alignment so that approximately 450meters of additional concrete cylinder pipe can be removed under a single contract private property and environmental impacts can be better mitigated through alignment adjustment. Bear Hill Trunk project portion: This project portion is to be shared with Saanich Peninsula Water Supply but is proposed to be partially funded by RWS, since this will provide better water supply redundancy to the Saanich Peninsula and will also reduce some of the future scope requirements for RWS to proceed with Project M11 as identified in the Master Plan.				

Project Number	28-01	**Capital Project Title**	Transmission Main Upgrade Program	**Capital Project Description**	Identify, conceptually design, detail design and construct transmission main upgrades.
Project Rationale	Transmission mains that are nearing end of life due to long service require condition assessments and then design and construction of replacement mains where needed. Budget is a future placeholder but project details and budgets will be further refined as the delivery year approaches.				

Project Number	24-11	**Capital Project Title**	IT Core Infrastructure Replacement and cyber security upgrades.	**Capital Project Description**	Replacement and upgrades to Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life and cyber security upgrades. Includes IT equipment located at tower sites within the RWS system.
Project Rationale	Replacement of Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life. Includes IT equipment located at tower sites within the RWS system.				

Project Number	24-12	**Capital Project Title**	Head Tank Valve & Main No. 4&5 Valve Replacement	**Capital Project Description**	Supply and installation of valves and actuators at Head Tank and Main #4&5. Includes flushing plan and coordination efforts.
Project Rationale	Supply and installation of valves and actuators at Head Tank and Main #4&5. Includes flushing plan and coordination efforts.				

Service:	2.670	Regional Water Supply

Project Number	24-19	**Capital Project Title**	Mount Tolmie Tank Assessment and Improvements	**Capital Project Description**	Structural and infiltration improvements, as well as overall hydraulic review of Main No. 3 storage and improvements to controls, piping and other deficiencies.
Project Rationale	Initial budget for multiple improvements to Mount Tolmie Tank, including structural repairs to address leakage and structural repairs discovered at Mount Tolmie Tank in Q4 2023, control valve and piping upgrades, assessment of adjacent buried pipe work.				

Project Number	25-24	**Capital Project Title**	Water Treatment Plant Improvements Program	**Capital Project Description**	Ongoing program to address multiple, small to mid-scale capital improvements required at the Goldstream WTP and Sooke River Road WTP.
Project Rationale	Program Level budget to allow staff to implement small to mid-scale capital improvements required at the Goldstream and Sooke River Road Water Treatment Plants. This budget is initiated from funds left over from the Goldstream UV and Controls Upgrades project but will be carreid forward and built upon as a program for term projects needing to be coordinated at the two Regional treatment facilities. Some intial projects include improvements to workstations, buried pipe replacement to replace injection line to mech room bypass, systems control training, GWTP #5 Injection Chamber Analyzer Lines improvements, other small scale piping and monitoring improvements.				

Project Number	26-04	**Capital Project Title**	Kapoor Tunnel Assessment and Inspections	**Capital Project Description**	Development of inspection and monitoring plan for ongoing asset management.
Project Rationale	Development of plan for ongoing tunnel monitoring plan. Work with external experts to develop best management practices for monitoring this tunnel asset.				

Project Number	27-02	**Capital Project Title**	Supply Main No. 11 Concrete Pipe Replacement and bridge crossing	**Capital Project Description**	Replacement of segment of Concrete Cylinder Pipe from Sooke Lake Dam to Head Tank. Incorporate bridge replacement at spillway crossing.
Project Rationale	Critical segment of main with vulnerability due to concrete cylinder pipe crossing of spillway channel. Review to replace this segment of pipe and all of this concrete cylinder pipe alignment.				

Service:	2.670	Regional Water Supply

Project Number	19-07	**Capital Project Title**	Integrate Dam Performance and Hydromet to SCADA	**Capital Project Description**	IT driven project to integrate the dam safety instrumentation/surveillance (i.e. piezometers and weirs) and HydroMet stations to report to WIO through the existing SCADA system.
Project Rationale	Based on capital project 18-19, dam performance piezometers and weirs and Hydromet/Dam Safety Instrumentation stations will be integrated through the SCADA system.				

Project Number	19-13	**Capital Project Title**	Dam Safety Instrumentation	**Capital Project Description**	The existing dam safety instrumentation/surveillance equipment is getting older and will need to be replaced/rehabilitated (does not include pending SCADA effort). IT Driven Project
Project Rationale	Aging Hydromet/Dam Safety Instrumentation stations maintained by Infrastructure Engineering require replacement so that ongoing monitoring within the watersheds can be maintained. Funds are required for upgrades and replacement of existing Hydromet Stations.				

Project Number	25-13	**Capital Project Title**	Sooke Lake & Deception Water Supply Area Dams - Regulatory Compliance, Dam Safety Planning & Analyses	**Capital Project Description**	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for the various dams within the Sooke Lake Watershed. Outcomes from the various studies will inform future capital improvements.
Project Rationale	Capital funding will be used to resolve a prioritized list of issues from the Dam Safety Risk Register, identified during dam surveillance activities, Dam Safety audits, and legislated Dam Safety Reviews. The issues to be resolved relate to dam safety analyses, dam safety planning and program work, and regulatory compliance.				

Project Number	25-14	**Capital Project Title**	Sooke Lake & Deception Water Supply Area Dams - Upgrades and Improvements Program	**Capital Project Description**	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Sooke Lake Water Supply Area Dams - Regulatory, Planning & Analysis Program.
Project Rationale	This is an ongoing program to be adaptable to addressing projects in the Sooke Lake Watershed Dams from the Dam Safety Risk Register. Some key projects in the near term include: Sooke Lake Dam (SLD) Instrumentation Improvements, SLD Spillway crack repairs (wet side), SLD Spillway crack repairs (Ogee/Wing Walls), Deception Dam Low Level Overflow Replacement, SLD Gate Controls/automation, SLD Stop Logs Replacements, SLD Log Booms (Narrows and Main Dam), future butressing of Deception Dam and various other improvements that may be prioritized based on risk.				

Service:	2.670	Regional Water Supply

Project Number	25-15	**Capital Project Title**	Goldstream Water Supply Area Dams - Regulatory Compliance, Dam Safety Planning & Analyses	**Capital Project Description**	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for the various dams within the Goldstream Watershed. Outcomes from the various studies will inform future capital improvements.
Project Rationale	Capital funding will be used to resolve a prioritized list of issues from the Dam Safety Risk Register, identified during dam surveillance activities, Dam Safety audits, and legislated Dam Safety Reviews. The issues to be resolved relate to dam safety analyses, dam safety planning and program work, and regulatory compliance.				

Project Number	25-16	**Capital Project Title**	Goldstream Water Supply Area Dams - Upgrades and Improvements Program	**Capital Project Description**	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Goldstream Water Supply Area Dams - Regulatory, Planning & Analysis Program.
Project Rationale	This is an ongoing program to be adaptable to addressing projects in the Goldstream Watershed Dams from the Dam Safety Risk Register. Some key projects in the near term include: Goldstream gates (High Level and 3 Low Level) being assessed and potentially replaced, Concrete repairs, instrumentation implementation and project management efforts at the program level to prioritize capital works as studies are being completed.				

Project Number	25-17	**Capital Project Title**	Charters Dam - Regulatory Compliance, Dam Safety Planning & Analyses	**Capital Project Description**	Ongoing projects involving studies, dam safety planning and regulatory requirements activities for Charters Dam. Outcomes from the various studies will inform future capital improvements.
Project Rationale	Capital funding will be used to resolve a prioritized list of issues from the Dam Safety Risk Register, identified during dam surveillance activities, Dam Safety audits, and legislated Dam Safety Reviews. The issues to be resolved relate to dam safety analyses, dam safety planning and program work, and regulatory compliance.				

Service:	2.670	Regional Water Supply

Project Number	25-18	**Capital Project Title**	Charters Dam - Upgrades and Improvements Program	**Capital Project Description**	Ongoing program to complete dam upgrades and improvements from the Dam Safety Risk Register, which have been identified through the Charters Dam - Regulatory, Planning & Analysis Program.
Project Rationale	Budget to addredss capital improvements identified through the dam safety risk register.				

Project Number	20-04	**Capital Project Title**	Sooke Lake HyDy Model Development	**Capital Project Description**	Critical data collection, model building+calibration, model utilization for 3 different scenarios
Project Rationale	This project involves building and calibrating a hydrodynamic model of Sooke Lake Reservoir using key data inputs. The model will be applied to assess three different scenarios, providing valuable insight for future management and operational strategies.				

Project Number	25-19	**Capital Project Title**	WQ Studies and Research Projects	**Capital Project Description**	Ongoing program budget for water quality studies and operation of Sooke Lake Hydrodynamic Model.
Project Rationale	Managing WQ Studies and Research projects under a program will allow CRD more operational flexibility managing priorities and adapting to changing operational needs.				

Project Number	24-04	**Capital Project Title**	Sooke Lake Drawdown Study	**Capital Project Description**	Investigate drawdown effects on Sooke Lake water quality and ecosystem impacts with max drawdown and determine a safe max drawdown level for SOL.
Project Rationale					

Project Number	17-27	**Capital Project Title**	Watershed Culvert Replacement	**Capital Project Description**	Replacement of small culverts throughout the GVWSA.
Project Rationale	This provides annual funding for the replacement of culverts that have reached end of life and/or are undersized given present knowledge of potential peak water flows and anticipated climate change effects. With the completion of peak flow modelling of all major structures in the Sooke and Goldstream WSAs in 2017, additional funds are required beginning in 2018 to upgrade identified structures to current standards. Costs of upgrades have increased significantly in the last 5 years.				

Service:	2.670	Regional Water Supply

Project Number	17-28	**Capital Project Title**	Watershed Security Infrastructure Upgrade & Replacement	**Capital Project Description**	New, upgrade and replacement of security infrastructure in the GVWSA.
Project Rationale	The outer boundary of the Leech, Sooke and Goldstream Water Supply Areas is approximately 119 kilometers in length. Main access roads are gated and there are 11 kilometers of existing security fencing. A constant effort is needed to maintain a closed watershed. Through monitoring, high incident areas are identified, security plans are developed, and security infrastructure (fencing, gates and signage) is installed or upgraded where required. An uplift in provisional funding is requested due to increased costs of fencing and gates.				

Project Number	17-29	**Capital Project Title**	Water Supply Area Equipment & Replacement	**Capital Project Description**	Hydrometeorological, fireweather and wildfire suppression equipment replacement.
Project Rationale	This provides annual funding for the replacement or upgrading of equipment for wildfire suppression and spill response, fire weather stations, hydro-meteorological monitoring and water quality sampling and monitoring equipment. Given an expansion of the hydrology and meteorology network of stations and sensors, an additional $50,000 per year is added in 2020 and going forward. In 2021 and going forward, funding is reduced by $20,000 as water quality equipment will be funded under a separate line item (21-17). A revised level of funding is requested beginning in 2023 that reflects forecasted needs.				

Project Number	17-30	**Capital Project Title**	Transmission Main Repairs	**Capital Project Description**	Emergency repairs to the transmission mains.
Project Rationale	Each year a visual inspection of this critical supply tunnel is carried out by CRD staff. This capital item allows for minor repairs that are discovered during these inspections. This also allows for annual funding for repair of emergency breaks on large diameter supply mains.				

Project Number	17-31	**Capital Project Title**	Transmission System Components Replacement	**Capital Project Description**	Replacement and repair of transmission components.
Project Rationale	This is an annual allowance for the capital costs for the replacement and repair of supply system components that fail under normal operation and maintenance during the year.				

Project Number	17-33	**Capital Project Title**	Disinfection Equipment and other Water Treatment Components and Parts Replacement	**Capital Project Description**	Replacement of incidental equipment and parts associated with the water treatment facilities.
Project Rationale	The annual work includes the replacement of the plastic gas feed piping that has become very brittle, installing air valves on the ammonia solution lines, installing and replacing shut off valves on the booster pumps supply piping, installing indicator stems on UV cooling water valves, relocating the UV cooling water feed pipes, improving the landscaping around the UV building to reduce dust and other minor upgrades.				

Project Number	17-34	**Capital Project Title**	Supply System Computer Model Update	**Capital Project Description**	Annual update of the regional hydraulic model.
Project Rationale	This item is to allow for staff and consultant time each year to keep the hydraulic computer model current.				

Service:	2.670	Regional Water Supply

Project Number	19-16	**Capital Project Title**	Dam Improvements	**Capital Project Description**	Items not covered by Dam Safety Reviews, but brought up in Dam Safety Inspections and Dam Safety Reviews and address items in the dam safety database/risk registry and to support operations.
Project Rationale	Dam Safety Inspections are carried out throughout the year and result in minor improvements at each dam annually. This budget is intended for smaller scale improvements, typically to be completed by operations staff in a short duration and which are not captured under the larger "Term" programs.				

Project Number	19-22	**Capital Project Title**	SCADA Repairs, Equipment Replacement and Comms upgrades	**Capital Project Description**	Items not covered by the SCADA Replacement and SCADA Master Plan, but integral in maintaining the SCADA System and revenue meter system.
Project Rationale	This item is to allow for unplanned SCADA repairs and equipment replacement not covered by the capital projects SCADA Replacement.				

Project Number	21-15	**Capital Project Title**	Corrosion Protection	**Capital Project Description**	Replace corrosion protection assets, such as coatings, for the transmission system when identified.
Project Rationale	There are numerous assets with varying levels of corrosion protection throughout the RWS system. Funds are required to ensure that corrosion protection assets are replaced or rehabilitated when identified.				

Project Number	21-16	**Capital Project Title**	Valve Chamber Upgrades	**Capital Project Description**	Replace failing valves and appurtenances along the RWS supply system.
Project Rationale	The RWS system has numerous isolation and air valves along the transmission system, usually in underground chambers. Funds are required for replacement of valves and chamber upgrades as they are identified.				

Project Number	21-17	**Capital Project Title**	Water Quality Equipment Replacement	**Capital Project Description**	Replacement of water quality equipment for the water quality lab and water quality operations
Project Rationale	This provides annual funding for the replacement or upgrading of equipment for the water quality lab, sampling, and operations. Of this provisional budget, $20,000 was previously included in item 17-29 (Water Supply Area annual provisional budget)				

Project Number	21-18	**Capital Project Title**	LIMS support	**Capital Project Description**	Support for LIMS database
Project Rationale	Provides for support for the laboratory information management system				

Service:	2.670	Regional Water Supply

Project Number	23-20	**Capital Project Title**	Land Exchange/Acquisition	**Capital Project Description**	Land surveys, appraisals to support decisions regarding land exchange to increase catchment area, buffer water supply areas and other possible land exchange and acquisition within the RWS system.
Project Rationale	There are opportunities to increase the catchment and critical buffer areas of Sooke, Goldstream and the Leech WSA by purchase or land exchange with surrounding land owners. From time to time, the RWS System requires acquisition of lands for infrastructure purposes. Funds will be used when needed to undertake appraisals, legal surveys, and legal fees for work to develop agreements to purchase or exchange lands for the Regional Water Supply Area or System.				

Project Number	17-35	**Capital Project Title**	Vehicle & Equipment Replacement (Funding from Replacement Fund)	**Capital Project Description**	This is for replacement of vehicles and equipment used by CRD Water Services for the day-to-day operation and maintenance of the supply system.
Project Rationale	This is for replacement of vehicles and equipment used by CRD Water Services for the day-to-day operation and maintenance of the supply system. The Equipment Replacement Fund is used to fund the expenditure. The requests have been adjusted to align with the pricing for electric vehicles.				

Project Number	23-21	**Capital Project Title**	EV Charging Stations Electrical Infrastructure	**Capital Project Description**	Electrical System upgrades at 479 Island Hwy to power up 44 charging stations
Project Rationale	In support of the CRD's Climate Action Strategy to reduce the corporate GHG emissions. The CRD Fleet of vehicles is one of the larger contributors to the generation of GHG's. Integrated Water Services identified 44 of the approx. 100 vehicles that operate out of the 479 Island location for replacement with Electrical Vehicles by 2030. I preparation for providing the proper charging network at 479 an Electric Vehicle Fleet Conversion Study was completed in 2021.The results of the study was to upgrade the electrical infrastructure to accommodate the power needs of 44 charging points. It is proposed that phase 1 is started in 2023 to upgrade the electrical distribution system and provide 17 charging points. The larger portion of the costs will be to upgrade the electrical system. Phase 2 to allow for a further 27 charging points can be planned to accommodate the balance of EV vehicles pending their purchasing and delivery.				

Project Number	23-22	**Capital Project Title**	Fuel Truck	**Capital Project Description**	Fuel tender truck
Project Rationale	New fuel truck.				

Project Number	23-31	**Capital Project Title**	Land and Site Works	**Capital Project Description**	Purchasing of land and site works to support RWS facilities.
Project Rationale	Land acquisition and site works to support RWS facilities.				

Service:	2.670	Regional Water Supply

Project Number	25-22	**Capital Project Title**	New Vehicles - Watershed & Water Operations	**Capital Project Description**	4 New Electric Vehicles for Watershed & Water Operations
Project Rationale	1 New EV AWD SUV for water treatment ops 2 Replacement EV Pickup trucks for Watershed Prot. Ops, Security & Emerg Response 1 New EV Pickup truck for Watershed Prot. Resource Planning, Wildlife Program				

Project Number	25-23	**Capital Project Title**	Enterprise Asset Management System	**Capital Project Description**	Development of EAM system, including software and process implementation, for services to maintain assets and report on asset performance.
Project Rationale	There are opportunities to increase the catchment and critical buffer areas of Sooke, Goldstream and the Leech WSA by purchase or land exchange with surrounding land owners. From time to time, the RWS System requires acquisition of lands for infrastructure purposes. Funds will be used when needed to undertake appraisals, legal surveys, and legal fees for work to develop agreements to purchase or exchange lands for the Regional Water Supply Area or System.				

Project Number	26-05	**Capital Project Title**	New Electric Vehicles Watershed, Fleet Pool	**Capital Project Description**	New electric vehicles for Watershed and Fleet pool.
Project Rationale	2026 - 2 EV Pickup trucks for Watershed Prot. Ops, Security & Emerg Response to replace old life-extended vehicles (180k) 2027 - 1 EV truck for Watershed Prot. Ops, Security & Emerg Response to support IBC 2027 2a-5.2 Equipment/Operato Watershed (90k) 2028 - 1 EV truck Forest Management Plan Implementation Forester position in WP requiring a pickup. IBC 2a5.4 for 2028 (90k)				

Project Number	26-06	**Capital Project Title**	Fleet Service Trucks	**Capital Project Description**	One new heavy pickup truck and transfer Regional Parks Ops fleet mechanic service truck to Corporate Fleet.
Project Rationale	2026 - Transfer Regional Parks Ops fleet mechanic service truck to Corporate Fleet (60K). One new heavy pickup truck to replace old life-extended vehicle (120k).				

Project Number	26-07	**Capital Project Title**	Flail Mower and addition of deck mower attachment	**Capital Project Description**	Transfer of Parks Flail Mower to RWS-WP and addition of deck mower attachment
Project Rationale	Flail mower transfer cost. Benefit for ongoing maintenance.				

CAPITAL REGIONAL DISTRICT

FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2026 to 2030

Service No.	2.670 Regional Water Supply & Juan de Fuca Water Distribution	Carry Forward 2025	2026	2027	2028	2029	2030	TOTAL
EXPENDITURE								
Buildings		$300,000	$580,000	$200,000	$80,000	$80,000	$80,000	$1,020,000
Equipment		$448,125	$1,163,125	$430,000	$411,000	$409,000	$405,000	$2,818,125
Land		$0	$0	$0	$0	$0	$0	$0
Engineered Structures		$0	$150,000	$100,000	$75,000	$75,000	$50,000	$450,000
Vehicles		$0	$0	$0	$0	$0	$0	$0
		$748,125	**$1,893,125**	**$730,000**	**$566,000**	**$564,000**	**$535,000**	**$4,288,125**
SOURCE OF FUNDS								
Capital Funds on Hand		$705,000	$1,850,000	$730,000	$566,000	$564,000	$535,000	$4,245,000
Debenture Debt (New Debt Only)		$0	$0	$0	$0	$0	$0	$0
Equipment Replacement Fund		$0	$0	$0	$0	$0	$0	$0
Grants (Federal, Provincial)		$0	$0	$0	$0	$0	$0	$0
Donations / Third Party Funding		$43,125	$43,125	$0	$0	$0	$0	$43,125
Reserve Fund		$0	$0	$0	$0	$0	$0	$0
		$748,125	**$1,893,125**	**$730,000**	**$566,000**	**$564,000**	**$535,000**	**$4,288,125**

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2026 - 2030

Service #: 2.670/2.680

Service Name: Regional Water Supply & JDF Water Distribution Combo

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE										
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2025	2026	2027	2028	2029	2030	5 - Year Total
SYSTEM REPLACEMENT AND UPGRADES THAT BENEFIT REGIONAL WATER SUPPLY AND JUAN DE FUCA DISTRIBUTION													
16-01	Renewal	Upgrades to Buildings at 479 Island Highway	Maintenance and changes to buildings, office layouts, meeting rooms, yard improvements, lab improvements and technology upgrades.	**$ 2,330,000**	B	WU	$ 300,000	**$ 580,000**	$ 200,000	$ 80,000	$ 80,000	$ 80,000	$ 1,020,000
17-01	Renewal	Voice Radio Upgrade	Replacement of end of life voice radio system repeaters, office, vehicle and handheld radios.	$ 2,325,000	E	WU	$ 200,000	$ 350,000	$ -		$ -		$ 350,000
24-01	Replacement	IT Core Infrastructure Replacement	Replacement of Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life	$ 250,000	E	WU	$ 205,000	$ 215,000	$ 25,000	$ 6,000	$ 4,000	$ -	$ 250,000
25-02	New	SCADA System Cybersecurity	Shared project budget to improve cyber security in the SCADA system.	$ 400,000	E	Other	$ 43,125	$ 43,125	$ -	$ -	$ -		$ 43,125
26-01	**New**	**479 Island Highway**	**Supply and installatin of autogates with intercom and FOB at 479 Island Highway Office.**	**$ 150,000**	**E**	**WU**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**
													$ -
Sub-Total System Replacement and Upgrades That Benefit Regional Water Supply and Juan de Fuca Distribution				**$ 5,455,000**			**$ 748,125**	**$ 1,338,125**	**$ 225,000**	**$ 86,000**	**$ 84,000**	**$ 80,000**	**$ 1,813,125**
													$ -
ANNUAL PROVISIONAL CAPITAL ITEMS													
17-03	Replacement	Office Equipment, Upgrades and Replacements	Upgrade and replacement of office equipment as required.	$ 450,000	E	WU	$ -	$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 450,000
17-04	Replacement	Computer Upgrades	Annual upgrade and replacement program for computers, copiers, printers, network equipment as required.	$ 950,000	E	WU	$ -	$ 190,000	$ 190,000	$ 190,000	$ 190,000	$ 190,000	$ 950,000
17-06	Replacement	Small Equipment & Tool Replacement (Water Operations)	Replacement of tools and small equipment for Water Operations as required.	$ 500,000	E	WU	$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
17-07	**Replacement**	**Small Equipment & Tool Replacement (Corporate Fleet)**	**Replacement of tools and small equipment for Fleet as required.**	**$ 85,000**	**E**	**WU**	**$ -**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 125,000**
24-02	Study	Capital Projects Delivery Optimization	Ongoing internal improvement of templates, tools and processes used in the delivery of capital projects.	**$ 425,000**	S	WU	$ -	**$ 150,000**	**$ 100,000**	**$ 75,000**	**$ 75,000**	**$ 50,000**	$ 450,000
Sub-Total for Annual Provisional Capital Items				**$ 2,410,000**			**$ -**	**$ 555,000**	**$ 505,000**	**$ 480,000**	**$ 480,000**	**$ 455,000**	**$ 2,475,000**
			Grand Total	**$ 7,865,000**			**$ 748,125**	**$ 1,893,125**	**$ 730,000**	**$ 566,000**	**$ 564,000**	**$ 535,000**	**$ 4,288,125**

Service:	2.670/2.680	Regional Water Supply & JDF Water Distribution Combo

Project Number	16-01	**Capital Project Title**	Upgrades to Buildings at 479 Island Highway	**Capital Project Description**	Maintenance and changes to buildings, office layouts, meeting rooms, yard improvements, lab improvements and technology upgrades.

Project Rationale The budget includes the following funds to upgrade and renew the buildings at 479 Island Highway, including:
- Improvements,Repairs, upgrades and changes to the buildings
- Painting of the buildings
- Repair and replacement of carpets, floors and walls
- Climate Action initiatives and feasibility studies
- Improvements to Meeting Rooms, including technology upgrades

Project Number	17-01	**Capital Project Title**	Voice Radio Upgrade	**Capital Project Description**	Replacement of end of life voice radio system repeaters, office, vehicle and handheld radios.

Project Rationale Service Life and projected replacement:
- The service life of the mobile and portable units was forecast as 10 years at minimum, 15 years at maximum in 2005.
- The present radio models used in the system have just been taken out of production by the manufacturer, there will be no new units available for purchase as of July 1, 2015.
- Support for repairs and maintenance of the present radio will continue for the next 3 years at least.
- There are no pressing issues with equipment maintenance or repairs, present repair rates suggest we can maintain the system for the next few years, and perhaps reach a 12-15 year lifespan on the present equipment.

Project Number	17-03	**Capital Project Title**	Office Equipment, Upgrades and Replacements	**Capital Project Description**	Upgrade and replacement of office equipment as required.

Project Rationale Funds will be used for the replacement and upgrading of office equipment and furniture, as required.

Service:	2.670/2.680	Regional Water Supply & JDF Water Distribution Combo

Project Number	Capital Project Title	Capital Project Description
17-04	Computer Upgrades	Annual upgrade and replacement program for computers, copiers, printers, network equipment as required.

Project Rationale

This is an annual upgrading and replacement program of computers, photocopiers, network, monitoring and associated equipment, as required. This item has been increased from $160,000 to $170,000 annually to reflect actual costs.

Capital Budget
Network Switch Maintenance $10,000
Additional Wireless Access Points and Maintenance $15,000
Photocopier Replacement $20,000
Additional Data Storage $15,000
Replacement Computers $75,000
Equipment Maintenance (contingency) $23,000
Replace Access Control System - Gates/ Video Cameras $12,000
Total Capital $170,000

Project Number	Capital Project Title	Capital Project Description
17-06	Small Equipment & Tool Replacement (Water Operations)	Replacement of tools and small equipment for Water Operations as required.

Project Rationale Funds will be used for replacement of a variety of Operations and Welding equipment such as cutting saws, portable generators, gas detectors, Hilti drills,plasma cutter, wire welder, etc.

Project Number	Capital Project Title	Capital Project Description
17-07	Small Equipment & Tool Replacement (Corporate Fleet)	Replacement of tools and small equipment for Fleet as required.

Project Rationale Funds will be used for replacement of a variety of Fleet small equipment and tools as required. This includes provision to replace the Vehicle OBD reader for reading engine codes and the shop air compressor.

Project Number	Capital Project Title	Capital Project Description
24-01	IT Core Infrastructure Replacement	Replacement of Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life

Project Rationale Ongoing end of life replacement program for IT Core Infrastructure, including servers, network switches, UPS', and other equipment.

Service:	2.670/2.680	Regional Water Supply & JDF Water Distribution Combo

Project Number	24-02	**Capital Project Title**	Capital Projects Delivery Optimization	**Capital Project Description**	Ongoing internal improvement of templates, tools and processes used in the delivery of capital projects.
Project Rationale	Ongoing program for small scale optimization of project delivery methods and tools.				

Project Number	25-02	**Capital Project Title**	SCADA System Cybersecurity	**Capital Project Description**	Shared project budget to improve cyber security in the SCADA system.
Project Rationale	Project budget to improve cyber security in the SCADA System. CRD IT Department to lead and provide implementation support.				

Project Number	26-01	**Capital Project Title**	479 Island Highway Autogates	**Capital Project Description**	Supply and installatin of autogates with intercom and FOB at 479 Island Highway Office.
Project Rationale					

2.670 Regional Water Supply
Asset / Reserve Schedule
2026 - 2030 Financial Plan

Asset Profile

Regional Water Supply

System assets include the lands, dams and source water reservoirs within the water supply areas, intake and source conduits, two water treatment plants, pressure regulating facilities, nine supply mains, three balancing reservoirs and revenue water meters in the water transmission system.

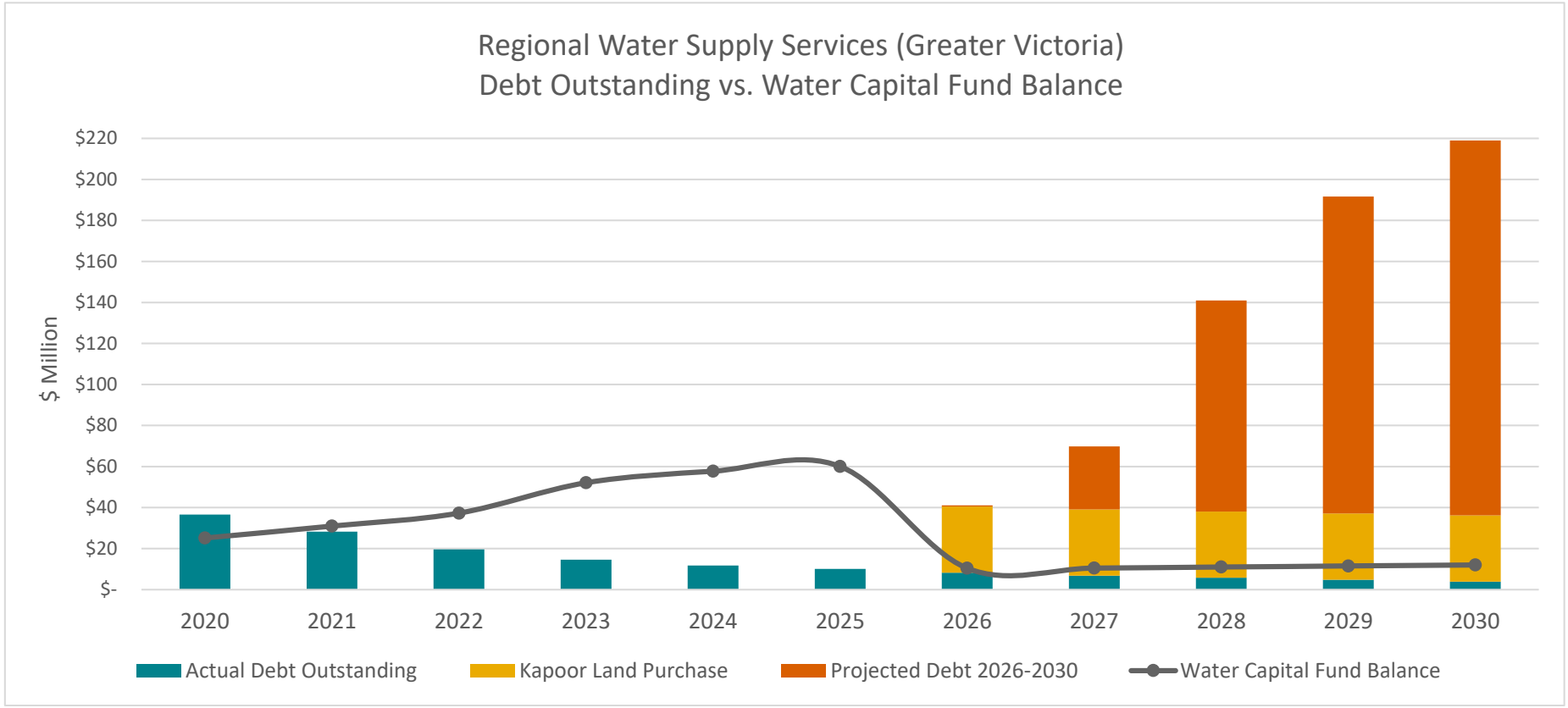
Equipment Replacement Reserve Schedule

Reserve Fund: 2.670 Regional Water Supply Equipment Replacement Reserve (covered by CRD-ERF Bylaw)

Fund: 1022 Fund Center: 101454	**Estimated**	**Budget**				
	2025	**2026**	**2027**	**2028**	**2029**	**2030**
Beginning Balance	2,951,724	2,905,151	2,387,899	2,345,089	2,621,959	3,031,779
Equipment purchases (Based on Capital Plan)	(751,914)	(1,397,336)	(855,000)	(495,000)	(355,000)	-
Transfer from Operating Budget	577,541	670,484	683,890	697,570	711,520	725,750
Proceeds on disposals	112,800	209,600	128,300	74,300	53,300	-
Interest Income*	15,000					
Ending Balance $	**2,905,151**	**2,387,899**	**2,345,089**	**2,621,959**	**3,031,779**	**3,757,529**

General Comments:
Reserve Fund is used for the purpose of replacing fleet vehicles including heavy equipment and associated mobile components, as outlined in the capital plan. Proceeds from disposals are estimated at 15% of replacement equipment purchases. Note not all vehicles are sold within the year in which they are replaced.

* Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.


Regional Water Supply Services (Greater Victoria)
Debt Outstanding vs. Water Capital Fund Balance
$ Million
$220
$200
$180
$160
$140
$120
$100
$80
$60
$40
$20
$-
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
Actual Debt Outstanding
Kapoor Land Purchase
Projected Debt 2026-2030
Water Capital Fund Balance

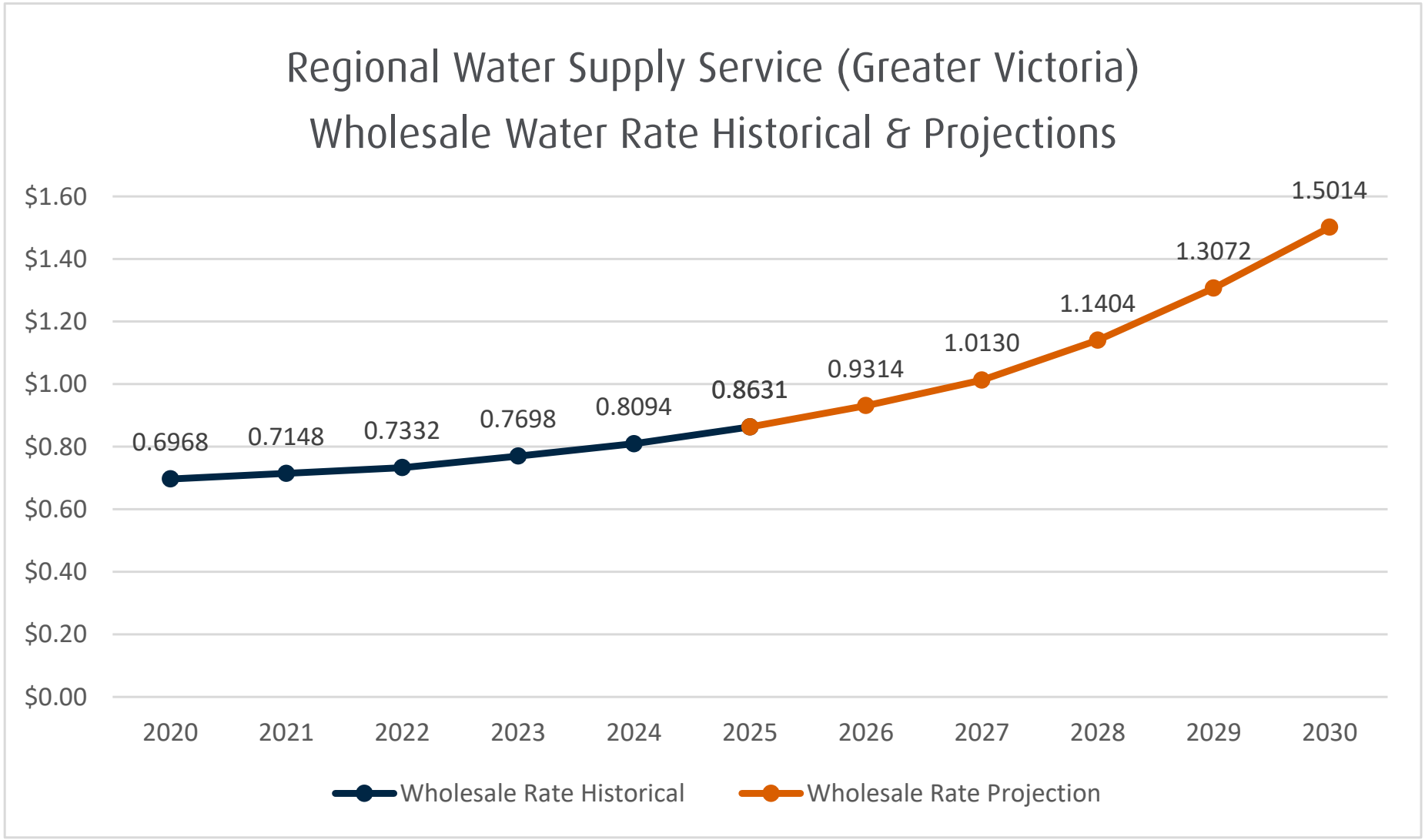
REGIONAL WATER SUPPLY COMMISSION
Agricultural Water Rate Funding Comparisons 2011 - 2024

		No. of AR Accounts	No. of AG Accounts	AR Volume m3	AG Volume m3	Avg AR Volume m3 (Vol/Accts)	Avg AG Volume m3	Agri Rate Consumption Costs	Agri Fixed Charge Costs	Total Agri Subsidy Paid out (Cons + Fixed)	Avg Agri Cost $ (Paid/Accts)	%age of Total Paid out	Rate Differential: Municipal Rate m3	Rate Differential: Agri Rate m3	Rate Differential: Muni-CRD Diff m3
													A	B	A - B
Western Communities & Sooke *															
	2024	85	21	38,614	53,786	454	2,561	$ 229,355	$ -	$ 229,355	$ 2,164	11.9%	$ 2.6927	$ 0.2105	$ 2.4822
	2023	86	16	46,589	62,912	542	3,932	$ 255,805	$ -	$ 255,805	$ 2,508	11.6%	$ 2.5466	$ 0.2105	$ 2.3361
	2022	85	17	45,564	37,292	536	2,194	$ 181,612	$ -	$ 181,612	$ 1,781	10.6%	$ 2.4024	$ 0.2105	$ 2.1919
	2021	84	16	53,773	63,222	640	3,951	$ 245,409	$ -	$ 245,409	$ 2,454	12.3%	$ 2.3081	$ 0.2105	$ 2.0976
	2020	84	15	42,432	51,118	505	3,408	$ 187,605	$ -	$ 187,605	$ 1,895	11.9%	$ 2.2159	$ 0.2105	$ 2.0054
	2019	86	14	36,598	50,277	426	3,591	$ 165,297	$ -	$ 165,297	$ 1,653	11.1%	$ 2.1132	$ 0.2105	$ 1.9027
	2018	95	18	40,657	19,669	428	1,093	$ 112,411	$ -	$ 112,411	$ 995	7.9%	$ 2.0739	$ 0.2105	$ 1.8634
	2017	81	11	33,458	11,628	413	1,057	$ 76,754	$ -	$ 76,754	$ 834	5.6%	$ 1.9129	$ 0.2105	$ 1.7024
	2016	80	11	41,248	8,652	516	787	$ 84,950	$ -	$ 84,950	$ 934	5.9%	$ 1.9129	$ 0.2105	$ 1.7024
	2015	79	11	33,537	7,078	425	643	$ 64,968	$ -	$ 64,968	$ 722	5.1%	$ 1.8101	$ 0.2105	$ 1.5996
	2014	79	11	29,419	9,074	372	825	$ 60,769	$ -	$ 60,769	$ 675	5.6%	$ 1.7892	$ 0.2105	$ 1.5787
	2013	80	11	25,532	5,578	319	507	$ 46,438	$ -	$ 46,438	$ 510	4.7%	$ 1.7032	$ 0.2105	$ 1.4927
	2012	79	13	23,617	5,932	299	456	$ 40,828	$ -	$ 40,828	$ 444	4.3%	$ 1.5922	$ 0.2105	$ 1.3817
	2011	75	11	27,910	4,893	372	445	$ 43,641	$ -	$ 43,641	$ 507	5.2%	$ 1.5409	$ 0.2126	$ 1.3283
Central Saanich															
	2024	297	49	485,371	234,707	1,634	4,790	$ 1,086,758	$ 4,606	$ 1,091,364	$ 3,154	56.8%	$ 1.9460	$ 0.2105	$ 1.7355
	2023	266	48	539,888	283,819	2,030	5,913	$ 1,269,148	$ 6,674	$ 1,275,822	$ 4,063	57.8%	$ 1.9240	$ 0.2105	$ 1.7135
	2022	277	50	398,069	279,385	1,437	5,588	$ 1,005,694	$ 7,050	$ 1,012,744	$ 3,097	59.3%	$ 1.8600	$ 0.2105	$ 1.6495
	2021	277	50	466,809	307,970	1,685	6,159	$ 1,150,198	$ 7,050	$ 1,157,248	$ 3,539	57.9%	$ 1.8600	$ 0.2105	$ 1.6495
	2020	278	49	375,646	233,214	1,351	4,759	$ 873,579	$ 6,768	$ 880,347	$ 2,692	56.0%	$ 1.8047	$ 0.2105	$ 1.5942
	2019	276	47	421,804	210,499	1,528	4,479	$ 862,430	$ 2,162	$ 864,592	$ 2,677	58.0%	$ 1.7260	$ 0.2105	$ 1.5155
	2018	278	49	378,593	297,433	1,362	6,070	$ 866,699	$ 7,003	$ 873,702	$ 2,672	61.3%	$ 1.6350	$ 0.2105	$ 1.4245
	2017	296	49	398,087	298,522	1,345	6,092	$ 792,125	$ 7,003	$ 799,128	$ 2,316	58.7%	$ 1.5575	$ 0.2105	$ 1.3470
	2016	297	51	446,241	303,419	1,502	5,949	$ 879,396	$ 7,191	$ 886,587	$ 2,548	61.1%	$ 1.5139	$ 0.2105	$ 1.3034
	2015	294	51	412,060	246,292	1,402	4,829	$ 739,282	$ 7,144	$ 746,426	$ 2,164	58.4%	$ 1.4582	$ 0.2105	$ 1.2477
	2014	294	49	361,801	190,895	1,231	3,896	$ 596,515	$ 6,808	$ 603,323	$ 1,759	55.7%	$ 1.4033	$ 0.2105	$ 1.1928
	2013	296	45	321,518	194,848	1,086	4,330	$ 542,837	$ 4,186	$ 547,023	$ 1,604	55.7%	$ 1.3799	$ 0.2105	$ 1.0525
	2012	280	41	325,663	210,906	1,163	5,144	$ 518,454	$ 5,658	$ 524,112	$ 1,633	55.6%	$ 1.2841	$ 0.2105	$ 0.9662
	2011	210	38	312,702	169,206	1,489	4,453	$ 462,183	$ 5,244	$ 467,427	$ 1,885	56.1%	$ 1.2867	$ 0.2126	$ 0.9667
North Saanich **															
	2024	104	21	83,051	113,138	799	5,388	$ 269,215	$ -	$ 269,215	$ 2,154	14.0%	$ 1.8562	$ 0.2105	$ 1.6457
	2023	103	20	56,716	119,706	551	5,985	$ 281,923	$ -	$ 281,923	$ 2,292	12.8%	$ 1.8085	$ 0.2105	$ 1.5980
	2022	107	19	52,167	107,838	488	5,676	$ 235,367	$ -	$ 235,367	$ 1,868	13.8%	$ 1.6815	$ 0.2105	$ 1.4710
	2021	105	18	62,904	126,579	599	7,032	$ 265,276	$ -	$ 265,276	$ 2,157	13.3%	$ 1.6105	$ 0.2105	$ 1.4000
	2020	102	16	57,433	108,453	563	6,778	$ 223,532	$ -	$ 223,532	$ 1,894	14.2%	$ 1.5580	$ 0.2105	$ 1.3475
	2019	94	15	58,278	95,030	620	6,335	$ 201,370	$ -	$ 201,370	$ 1,847	13.5%	$ 1.5240	$ 0.2105	$ 1.3135
	2018	100	16	97,574	70,726	976	4,420	$ 220,982	$ -	$ 220,982	$ 1,905	15.5%	$ 1.5240	$ 0.2105	$ 1.3135
	2017	100	13	151,773	53,551	1,518	4,119	$ 245,456	$ -	$ 245,456	$ 2,172	18.0%	$ 1.4643	$ 0.2105	$ 1.2538
	2016	100	12	148,450	36,774	1,485	3,065	$ 230,697	$ -	$ 230,697	$ 2,060	15.9%	$ 1.4560	$ 0.2105	$ 1.2455
	2015	106	14	151,656	38,066	1,431	2,719	$ 230,948	$ -	$ 230,948	$ 1,925	18.1%	$ 1.4278	$ 0.2105	$ 1.2173
	2014	98	14	133,853	30,372	1,366	2,169	$ 194,919	$ -	$ 194,919	$ 1,740	18.0%	$ 1.3974	$ 0.2105	$ 1.1869
	2013	102	13	141,845	30,647	1,391	2,357	$ 200,004	$ -	$ 200,004	$ 1,739	20.4%	$ 1.3700	$ 0.2105	$ 1.1595
	2012	99	13	117,497	45,227	1,187	3,479	$ 188,679	$ -	$ 188,679	$ 1,685	20.0%	$ 1.3700	$ 0.2105	$ 1.1595
	2011	101	13	106,393	34,921	1,053	2,686	$ 163,558	$ -	$ 163,558	$ 1,435	19.6%	$ 1.3700	$ 0.2126	$ 1.1574
Saanich															
	2024	62	58	42,377	126,972	684	2,189	$ 322,017	$ 10,934	$ 332,952	$ 2,775	17.3%	$ 2.1120	$ 0.2105	$ 1.9015
	2023	76	54	47,961	168,198	631	3,115	$ 382,061	$ 10,230	$ 392,291	$ 3,018	17.8%	$ 1.9780	$ 0.2105	$ 1.7675
	2022	66	56	36,146	129,467	548	2,312	$ 267,879	$ 11,330	$ 279,209	$ 2,289	16.3%	$ 1.8280	$ 0.2105	$ 1.6175
	2021	74	55	49,933	158,309	675	2,878	$ 318,923	$ 11,050	$ 329,973	$ 2,558	16.5%	$ 1.7420	$ 0.2105	$ 1.5315
	2020	68	53	40,416	144,443	594	2,725	$ 268,877	$ 10,867	$ 279,745	$ 2,312	17.8%	$ 1.6650	$ 0.2105	$ 1.4545
	2019	68	51	37,086	140,512	545	2,755	$ 249,436	$ 10,278	$ 259,714	$ 2,182	17.4%	$ 1.6150	$ 0.2105	$ 1.4045
	2018	70	49	37,503	111,896	536	2,284	$ 208,786	$ 9,996	$ 218,782	$ 1,839	15.3%	$ 1.5910	$ 0.2105	$ 1.3805
	2017	80	50	38,201	132,092	478	2,642	$ 229,604	$ 9,719	$ 239,324	$ 1,841	17.6%	$ 1.5600	$ 0.2105	$ 1.3495
	2016	71	53	36,409	139,764	513	2,637	$ 237,745	$ 10,056	$ 247,802	$ 1,998	17.1%	$ 1.5600	$ 0.2105	$ 1.3495
	2015	75	51	74,841	129,225	998	2,534	$ 226,276	$ 9,727	$ 236,003	$ 1,873	18.5%	$ 1.5420	$ 0.2105	$ 1.3315
	2014	72	53	46,230	177,633	642	3,352	$ 213,981	$ 9,883	$ 223,863	$ 1,791	20.7%	$ 1.4560	$ 0.2105	$ 1.2455
	2013	65	50	35,745	122,456	550	2,449	$ 179,004	$ 9,655	$ 188,659	$ 1,641	19.2%	$ 1.3420	$ 0.2105	$ 1.1315
	2012	68	47	38,212	138,455	562	2,946	$ 180,466	$ 9,235	$ 189,701	$ 1,650	20.1%	$ 1.2320	$ 0.2105	$ 1.0215
	2011	71	46	101,235	121,896	1,426	2,650	$ 149,584	$ 9,118	$ 158,703	$ 1,356	19.0%	$ 1.1530	$ 0.2126	$ 0.9404
Totals															
	2024	548	149	649,413	528,603	1,185	3,548	$ 1,907,345	$ 15,540	$ 1,922,885	$ 2,759	100%			
	2023	531	138	691,154	634,635	1,302	4,599	$ 2,188,937	$ 16,904	$ 2,205,842	$ 3,297	100%			
	2022	535	142	531,946	553,982	994	3,901	$ 1,690,553	$ 18,380	$ 1,708,933	$ 2,524	100%			
	2021	540	139	633,419	656,080	1,173	4,720	$ 1,979,806	$ 18,100	$ 1,997,906	$ 2,942	100%			
	2020	532	133	515,927	537,228	970	4,039	$ 1,553,594	$ 17,635	$ 1,571,229	$ 2,363	100%			
	2019	524	127	553,766	496,318	1,057	3,908	$ 1,478,533	$ 12,440	$ 1,490,973	$ 2,290	100%			
	2018	543	132	554,327	499,724	1,021	3,786	$ 1,408,879	$ 16,999	$ 1,425,878	$ 2,112	100%			
	2017	557	123	621,519	495,793	1,116	4,031	$ 1,343,940	$ 16,722	$ 1,360,663	$ 2,001	100%			
	2016	548	127	672,348	488,609	1,227	3,847	$ 1,432,788	$ 17,247	$ 1,450,036	$ 2,148	100%			
	2015	554	127	672,094	420,661	1,213	3,312	$ 1,261,474	$ 16,871	$ 1,278,344	$ 1,877	100%			
	2014	543	127	571,304	407,973	1,052	3,212	$ 1,066,184	$ 16,691	$ 1,082,874	$ 1,616	100%			
	2013	543	119	524,640	353,529	966	2,971	$ 968,283	$ 13,841	$ 982,124	$ 1,484	100%			
	2012	526	114	504,989	400,520	960	3,513	$ 928,426	$ 14,893	$ 943,320	$ 1,474	100%			
	2011	457	108	548,240	330,916	1,200	3,064	$ 818,967	$ 14,362	$ 833,329	$ 1,475	100%			

* **Western Communities do not charge a fixed charge**

** **North Saanich charges the fixed charge on property taxes**

*** **AR - Agriculture/Residential customers receive a rebate on consumption over 455 cubic meters annual as the meter feeds both premise and land.**
AG - Agriculture customers receive a rebate on the entire consumption annually as the meter is dedicated only for land


Regional Water Supply Service (Greater Victoria)
Wholesale Water Rate Historical & Projections
$1.60
$1.40
$1.20
$1.00
$0.80
$0.60
$0.40
$0.20
$0.00
0.6968
0.7148
0.7332
0.7698
0.8094
0.8631
0.9314
1.0130
1.1404
1.3072
1.5014
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
Wholesale Rate Historical
Wholesale Rate Projection

Making a difference...together

REPORT TO REGIONAL WATER SUPPLY COMMISSION
MEETING OF WEDNESDAY, JULY 16, 2025

SUBJECT **2026 Service Delivery – Staffing Requirements**

ISSUE SUMMARY

To report back on the five-year staffing requirements for meeting the commitments outlined in the 2025 Strategic Plan and advise on the implications of a 2026 staffing freeze on service delivery and project timelines.

BACKGROUND

At the March 12, 2025, Capital Regional District (CRD) Board meeting, the Chief Administrative Officer (CAO) informed the Board that staff had been directed to pause all new staffing requests for 2026, unless directed otherwise by the CRD Board or a sub-regional or local Commission. This decision was in response to challenging economic conditions and in recognition of the significant number of staffing requests approved for 2025. This pause will allow the organization to focus on filling current vacancies and hiring the 61.5 full-time equivalent (FTE) regular and Term positions already approved for 2025, before reassessing staffing capacity in the future.

On April 16, 2025, the Regional Water Supply Commission (Commission) passed the following notice of motion: "*That staff be directed to report back on the 5-year staffing requirements for meeting the commitments outlined in the 2025 Strategic Plan and advise the implications of a 2026 staffing freeze on service delivery and project timelines*".

At the July 17, 2024, Commission meeting, staff presented the draft 2025 Regional Water Supply Strategic Plan (Strategic Plan). The Strategic Plan outlines 11 priorities and proposes short-, medium- and long-term actions to be implemented in the next five to eight years to advance the commitments identified. The actions span all aspects of service delivery including operations and capital delivery, demand management, asset management, public engagement, First Nations engagement and watershed protection. Though many of these identified actions will be supported by existing resources, the full extent of the effort goes beyond existing capacity in certain areas. An excerpt from the Staff Establishment Chart (SEC) is provided in Appendix A. Table 1 outlines the proposed five-year staffing needs to meet the commitments outlined in the Regional Water Supply Strategic plan, while Table 2 highlights projected staffing needs, however there is insufficient information at this time to define the scope of the roles. The staffing forecast will need to be reviewed each year as the scope of the actions are refined and demands of the service evolve.

As part of the annual service planning process, each proposed initiative is documented in an Initiative Business Case (IBC) and summaries of these initiatives are presented to the CRD Board in the fall for approval. The summaries for the Regional Water Supply-funded IBCs, which include new proposed positions (FTEs) aligned with the Strategic Plan objectives, are included in Appendix B.

Initiatives Planned for 2026

The following provides further details on the key programs that have staffing implications in 2026.

The impact of deferring the staffing plans associated with these programs in 2026 is highlighted in the Service Delivery Implications section, further down in this report.

2a-2.3 Master Plan Program: The Master Plan Program outlines the need for additional staff to advance the planning and implementation of 21 major projects recommended by the 2022 Regional Water Supply Master Plan (Master Plan). These projects are critical to improving the resiliency of the Regional Water Supply system and providing sufficient drinking water to support the growing region and climate change adaptation. The proposed phased staffing plan includes:

2026 (4 FTEs)	***Senior Project Manager*** *(Infrastructure Planning and Engineering)* – Required to undertake the planning for the Master Plan projects – i.e. Filtration Siting study, Environment Assessment, Archaeological Assessment, First Nations engagement.
	Operations Supervisor**:** *(Water Operations)* – Supports Master Plan and capital projects by providing operational input through planning, design, and construction. Ensures integration, operability, and coordination with engineering teams.
	First Nations Liaison *(First Nations Relations, Corporate Services)* – Supports the upcoming Master Plan projects and the required engagement with local First Nations. This role will also support various actions identified in the Strategic Plan related to the management and access to the watershed. These initiatives were identified during the Strategic Plan First Nations consultation as being of particular interest to various First Nations with Traditional Territory in the Watershed.
	Paralegal *(Legal Services & Risk Management, Corporate Services)* – Assist with development and review of contract terms and contract template updates to respond to shifting market and project needs for the Master Plan projects.
2027 (1 FTEs)	***Project Engineer*** *(Infrastructure Planning and Engineering)* – Required to support the planning required for the Master Plan projects – i.e. Filtration Siting study, Environment Assessment, Archaeological Assessment, First Nations engagement.
2028 (1 FTEs)	***Senior Project Manager*** *(Infrastructure Planning and Engineering)* – Required to lead growing program of projects related to the Master Plan.

2b-2.6 Operations Coordinator (RWS/JDF): The Strategic Plan outlines IWS' commitment to providing reliable high-quality drinking water through efficient and effective operations. The ongoing operation and maintenance of our system is foundational to meeting those commitments. In the last five to 10 years, Operational Supervisors and Team Leads responsible for the Regional Water Supply and Juan de Fuca Water Distribution systems have been increasingly spending more time on regulatory and administrative responsibilities. These tasks include preparing safety documentation, acting as contractor coordinators, managing permitting processing, and tracking budgets.

To improve efficiency, increase the effectiveness of operations, and allow the Supervisor and Team Lead positions to spend more time in the field supporting and developing their teams, a new Operations Coordinator position has been proposed. This position would also provide additional capacity to liaise with engineering specialists on planning and capital project implementation, which will improve the likelihood of success on capital works.

2026 (0.5 FTEs)	Operations Coordinator: *(Water Operations)* Required to reduce regulatory and operational risk by managing administrative aspects of key operational compliance components such as contractor oversight, permitting, and safety documentation. This role will support Supervisors and Team Leads by handling budget tracking, permit processes, and contract administration. This position will be shared with the Juan de Fuca Water Distribution Service, if implemented each service would fund 50% of the position.

2b-1.1 Dam Safety Program: The Dam Safety Program aims to create a dedicated Dam Safety section within the Infrastructure Planning and Engineering division to manage dam safety risks proactively. The program will address the challenges of maintaining 23 water supply dams, ensuring compliance with the Dam Safety Regulation, and improving the resiliency of these critical assets. This initiative began in 2024 with the addition of the role listed below, which were approved in previous planning cycles and have been filled:

2024 (2 FTEs)	***Manager, Dam Safety*** *(Infrastructure Planning and Engineering)*
	Team Lead *(Water Infrastructure Operations)*
2025 (3 FTEs)	***Project Engineer – Dam Safety Regulatory Compliance*** *(Infrastructure Planning and Engineering)*
	Project Engineer - Dam Surveillance and Hydrology *(Infrastructure Planning and Engineering)*
	Dam Operator (*Water Infrastructure Operations)*

To ensure regulatory compliance, address the growing list of dam-related deficiencies and undertake the ongoing operational activities, the CRD needs to continue to build the necessary in-house expertise and capacity. This capacity development is being proposed through additional staffing in 2026 and 2027.

2026 (2 FTEs)	***Project Engineer*** *(Corporate Capital Delivery Services)*
	Project Engineer *(Infrastructure Planning and Engineering)*
2027 (1 FTE)	***Technologist*** *(Infrastructure Planning and Engineering)*

Ongoing management of our dams is critical to meeting the commitments outlined in the Strategic Plan, particularly the actions outlined in commitment 3 “to provide efficient, effective and innovative operations of our water system infrastructure”.

The Infrastructure and Water Services (IWS) department is proposing to add two new Project Engineers in 2026 to increase capacity to deliver the following Dam Safety Program projects and initiatives:

1. Improving dam operations, maintenance, and surveillance and adapting to climate change – supporting the needed improvements to the operation, maintenance, and surveillance of the IWS dams in order to adapt to climate change;

2. Completing required engineering analysis and design work for seismic and flood resiliency, and instrumentation improvements – resolving dam safety issues through capital studies focussed on engineering analysis, action plans, and multi-phase design projects to build seismic and flood resiliency, and automate instrumentation systems;

3. Supporting construction of dam safety rehabilitation projects – providing dam safety expertise during tendering, construction, and commissioning of complex dam safety rehabilitation projects;

4. Managing an increasing volume of data – as IWS is working towards automating collection of dam performance data, and increase warning time of any dam safety incident, there is a growing need to manage and analyze larger datasets;

5. Adapting to increasing regulatory oversight in B.C. – increasing capacity to adapt to changing regulatory oversight of dams in B.C. In 2025, the B.C. Dam Safety Office released new guidance and requirements needed to conduct dam safety improvements;

6. Building capacity to engage with First Nations – Dams and reservoirs often have significant cultural and historical significance for First Nations communities. Newly released legislation, such as the *Emergency and Disaster Management Act* includes new requirements for consultation and cooperation with First Nations governing bodies in order to gain acceptance of dam emergency plans;

7. Building public awareness of the Dam Safety Program - the CRD has recently added a public Dam Safety Program webpage to start building public awareness about the program. The CRD is considering a targeted communication plan for all property owners within each dam inundation zone; and

8. Building staff expertise through dam emergency training and exercising – Increasing the training and exercising around emergency preparedness and response is considered by experts as an essential part of an effective Dam Safety Management System.

2b-2.9 Reliability Engineers/Performance Optimization: The Reliability Engineers/ Performance Optimization initiative is dedicated to enhancing asset performance and system reliability within the Corporate Asset & Maintenance Management Division. The initiative supports key actions in the Corporate Asset Management Strategy, including condition and criticality assessments and structured data capture programs. The initiative directly supports actions in the Strategic Plan under Commitment 3 and Priority 1 “to make evidence-based and community-responsive infrastructure decisions to ensure reliable system performance and sustainability”. The proposed staffing plan includes:

2026 (1 FTE)	***Reliability Engineer*** *(Corporate Asset and Maintenance Management)* – Required to establish a dedicated reliability function to optimize asset performance and mitigate asset risks, ensuring dependable service delivery and strategic maintenance and capital replacement planning. This function collaborates with operations and engineering teams to integrate reliability insights into decision-making for capital projects.

This role is foundational to establishing a reliability function that uses data to drive maintenance and capital decisions, leading to efficiency and optimization within the service. The role will work to decrease reactive maintenance demands and a shift to more proactive maintenance and sustainable budgets.

Initiatives Planned for Future Years (2027-2029)

In addition to the initiatives listed above that have staffing implications in 2026, the following six initiatives have staffing implications in 2027 or beyond:

2027 (2 FTE)	2a-5.2 Equipment/Watershed Operator (1 FTE, Watershed Protection)
	2a-5.3 Seasonal Watershed Protection (0.75 FTE, Watershed Protection)
	2b-2.7 Contract Support Service (0.25, FTE shared with other services)
2028 (2.75 FTE)	2a-5.3 Seasonal Watershed Protection (0.75 FTE, Watershed Protection)
	2a-5.4 Forest Management Plan Implementation (1 FTE, Watershed Protection)
	2b-2.5 Utility Operator (1 FTE, Water Operations)
2029 (1.6 FTE)	2a-5.3 Seasonal Watershed Protection (0.6 FTE, Watershed Protection)
	2a-5.5 Forest Hydrology Technician (1 FTE, Watershed Protection)

Descriptions for these initiatives have been included in Appendix B.

Projected Future Initiatives

This report summarizes the staffing requirements to achieve the commitments of the Strategic Plan based on the information currently available. Within the Strategic Plan, there are longer-term initiatives that have not yet been fully scoped, and additional information will be required to determine if existing resources can be optimized to undertake these initiatives or if additional skills or resources will be required. In order to fulfill the Commission's request and present our best projection of the staff required to meet commitments of the Strategic Plan, possible future initiatives have been identified in Appendix A, Table 2. However, there is insufficient information available at this time to confirm the need or scope these roles.

NEXT STEPS

The 2026 Service Planning process began in March 2025. To align with the staffing pause, several initiatives originally planned for or deferred to 2026 were postponed. Following the Regional Water Supply Commission's motion of April 16, 2025, staff evaluated initiatives with staffing implications and reviewed potential downstream service implications. These initiatives were phased over a four-year period (2026-2029) and costed, in alignment with the Commission's interest in understanding the implementation path for the Regional Water Supply Strategic Plan and Master Plan. The proposed initiatives were subsequently reviewed by both the IWS leadership and the ELT. If the Commission wishes to proceed with any initiatives requiring staffing in 2026, a motion should be recommended for consideration by the CRD Board. The provisional budget will be presented to the Committee of the Whole in October 2025.

IMPLICATIONS

Financial Implications

The proposed staffing additions in support of the Strategic Plan reflect an estimated incremental cost increase of $1,202,400 in 2026, based on approved IBCs. These costs represent only new FTEs planned for hire in 2026 and are apportioned between operating and capital budgets.
A high-level estimate of projected salaries and associated costs for 2026 is summarized in Table

1. These figures include both ongoing and one-time costs, covering FTEs hired directly within IWS as well as FTEs hired in other services areas in support of the strategic plan whose costs will be recovered through internal allocation to the Regional Water Supply service.

Table 1:

Cost Distribution by IBC	2026
2024 IBC: 2b-1.1 Dam Safety Program (2 FTE)	310,900
2026 IBC: 2a-2.3 Master Plan Program (4 FTE)	689,000
2026 IBC: 2b-2.6 Operations Coordinator (0.5 FTE)	80,000
2026 IBC: 2b-2.9 Reliability Engineers (1 FTE)	122,500
Total Cost Increase	**$ 1,202,400**

These costs will be integrated into both capital and operating budgets. The operating portion represents a 3.8% increase in total ongoing operating expenditure compared to 2025. The capital portion amounts to approximately 0.4% of the 2025 capital budget. Funding will be sourced through a combination of water sales revenue and MFA debt financing, with the intent to support rate stability and long-term financial sustainability.

A breakdown of projected funding sources is summarized in Table 2.

Table 2:

Funding Breakdown	2026
Operating Budget (Water sales revenue)	742,700
Capital Budget (Water sales revenue & debt)	459,700
Total Funding	**$ 1,202,400**

Environmental & Climate Action

Advancing the actions identified in the Strategic Plan, which include moving forward with the implementation of the Master Plan, directly supports the CRD's Climate Action Strategy by embedding climate resilience and environmental stewardship into the long-term planning and operation of the region's water system. The Strategic Plan emphasizes the need to protect and adapt the watershed and critical water infrastructure in response to increasing climate variability, including more extreme weather events, prolonged droughts, and wildfire risks. By prioritizing risk-based infrastructure investment, these plans align with and operationalize the CRD's broader climate mitigation and adaptation goals.

Key projects such as the addition of water filtration and a second deep intake in the Sooke Lake Reservoir are proactive climate adaptation measures. Filtration will strengthen the system's ability to maintain water quality in the face of increased turbidity events tied to severe storms, wildfire runoff, and ecological shifts—events that are projected to become more frequent and severe with climate change. Similarly, a second deep intake improves system redundancy and operational flexibility, enabling a more stable supply under changing seasonal patterns and potential water quality disruptions. Together, these investments are not just technical upgrades—they are foundational climate adaptation tools that reinforce the CRD's commitment to delivering safe, reliable drinking water in an increasingly uncertain environmental future.

First Nations Reconciliation

The Strategic Plan directly supports the CRD Board's 2023–2026 Priority of "strong relationships with First Nations based on trust and mutual respect, partnerships, and working together on

shared goals" by advancing tangible, ongoing actions that build stronger relationships with First Nations and reflect the region's commitment to shared stewardship. The Plan recognizes that the lands and waters within the Regional Water Supply Area lie within the traditional territories of numerous First Nations, and commits to working collaboratively with them to protect, manage, and access these critical areas. This approach is in alignment with the Board's objective to "foster strong relationships with First Nations" and to "invite, respect and incorporate Indigenous leadership and traditional knowledge to enhance initiatives and strategies".

The proposed addition of a First Nations Liaison position in 2026 supports the delivery of the Strategic Plan and the Board's commitments. This role will directly support the implementation of key projects identified in the Master Plan, many of which require thoughtful and ongoing engagement with Nations whose territories intersect the watershed. Beyond project-level engagement, the First Nations Liaison will help advance several actions in the Strategic Plan related to land access, cultural use, and Indigenous-led monitoring and stewardship—areas highlighted as priorities during the Plan's First Nations consultation process. This dedicated position ensures that the CRD has the internal capacity to support respectful, responsive, and relationship-based engagement, helping to embed reconciliation into both policy and day-to-day practice.

Service Delivery Implications

The service delivery implications of deferring the implementation of the 2026 initiatives are outlined below.

2a-2.3 Master Plan Program: The infrastructure investments outlined in the 2022 Master Plan ensure IWS continues to meet the commitments made in the Strategic Plan while adapting to the needs of the growing population, climate adaptation and improved seismic resiliency. If these positions are deferred to a future year, this will ultimately impact the planning efforts required to move forward with the implementation of the Master Plan and will delay realizing the goal of improving the overall resiliency of the Regional Water Supply system.

Details of some of the specific planning project that would be impacted by a deferral are listed below:

1. Filtration Plant Planning and Preliminary Design – includes initial studies such as:
    - Project definition study outlining the project's purpose, scope, and objectives including integration with other system components and review of current and future technologies.
    - Filtration Plant Siting Study confirming the proposed location of the filtration plant
    - Filtration Plant Pilot Study to confirm proposed treatment efficiency.
    - Other preliminary engineering studies such as Geotechnical, Environmental and Archaeological assessment.
    - Public and First Nations Engagement Strategies

2. Deep Northern Intake and Sooke Lake Pump Station Planning and Conceptual Design – includes initial studies such as:
    - Project definition study outlining the project's purpose, scope, and objectives including integration with other system components and review of current and future technologies (including floating intake versus fixed, tunneled versus overland etc.).
    - Deep Northern Intake Siting Study confirming the proposed location of the Intake based on reservoir circulation and water quality.
    - Other preliminary engineering studies such as Geotechnical, Environmental, and

archaeological assessments; and,
- Public and First Nations Engagement Strategies.

3. Preliminary Planning for a Transmission Main from Sooke Lake Pump Station to Head Tank – Undertake the Preliminary planning and route analysis of a second intake and raw water transmission main pumped to the Head Tank to add redundancy to the existing single southern intake, allow access to deeper, high-quality water and allow for further drawdown of the Sooke Lake Reservoir to increase supply.

4. Preliminary Planning for a Gravity Main from Sooke Lake to Head Tank – Undertake the Preliminary planning and route analysis of a third raw water main extending between the Sooke Lake Dam and the Head Tank to increase capacity, improve redundancy and ensure service continuation in the event of a natural disaster or failure.

5. Preliminary Planning for the Goldstream Reservoir Connector Transmission Main – Undertake the Preliminary planning and route analysis of a piped connection between Goldstream Lake Reservoir and the proposed Filtration Plant to protect the water quality of the secondary water supply for use during emergencies, Kapoor Tunnel shut down, and eventually allow Kapoor Tunnel redundancy and increased raw water transmission capacity.

2b-2.6 Operations Coordinator (RWS/JDF): Operational input and oversight is required to ensure that the capital investments meet operational needs and are practical, maintainable and cost-effective systems in the long term. Currently this is supported by existing operational staff but results in deferral of operational tasks when demand exceeds existing capacity. By dedicating an Operations Supervisor to this role, they can provide a needed link between design and operations, without impacting the day-to-day operational demands. In addition to supporting the projects above this position will also support several large in-stream projects, such as the Mount Tolmie Tank Improvement, the replacement of high-risk Concrete Cylinder Pipe transmission mains, and the high pressuring of Main No.1 that require additional engineering support.

Deferring the Operations Coordinator position will further strain the capacity of the Supervisors and Team Leads, increasing the risk of delays in permit processing and regulatory submissions related to required operational and maintenance activities, ultimately impacting project timelines and operational productivity. In addition, it will limit supervisors' field oversight and increase risk of safety incidents or operational non-compliance.

2b-1.1 Dam Safety Program: Continuing to review and add to the internal resources of the Dam Safety team in a phased approach is essential to maintaining regulatory compliance, resolving the many safety issues, and continually improving the program over time. If there is delay with adding the two FTEs in 2026, progress will be slowed in implementing the projects and initiatives described in the Background, which will increase dam safety and regulatory risks. Specifically, current resources will continue to be prioritized to rehabilitating the "Extreme" consequence Sooke Lake Dam, but IWS will not be able to complete the required engineering analysis, design, and construction related to seismic and instrumentation improvements at multiple "Very High" and "High" consequence dams, as currently planned. Additionally, there will be less capability to support construction of planned dam safety rehabilitation projects, such as rehabilitating concrete outlet structures at the "High" consequence Goldstream Dam and Butchart Dam No.1, currently needing repairs.

2b-2.9 Reliability Engineers/Performance Optimization: Delaying the implementation of the Reliability Engineer role will postpone the establishment of a dedicated reliability function for the

Regional Water Supply service. As a result, operational decision-making will continue to rely on existing staff, potentially affecting efficiency and long-term system optimization.

CONCLUSION

This report outlines the five-year staffing requirements needed to support the implementation of the 2025 Regional Water Supply Strategic Plan and provides information on the potential implications of a new staffing request pause in 2026. The proposed positions address anticipated gaps in capacity related to project planning and delivery, dam safety, operations support, asset reliability, and engagement with First Nations.

Delaying the addition of these positions may impact timelines for initiating major capital projects identified in the Master Plan, reduce capacity for operational oversight, and limit the ability to meet evolving regulatory and engagement requirements. These implications have been identified based on current service needs, resourcing levels, and the projected scope of work.

This phased staffing plan is intended to align with strategic priorities and provide the internal capacity needed to support ongoing service delivery, infrastructure planning, and regulatory compliance over the next five years.

RECOMMENDATION

There is no recommendation. This report is for information only.

Submitted by:	Alicia Fraser, P. Eng., General Manager, Infrastructure and Water Services
Concurrence:	Varinia Somosan, CPA, CGA, Acting Chief Financial Officer
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENT(S)

Appendix A: 2025 Staff Establishment Chart Excerpt
Appendix B: Summary of Initiative Business Cases for FTEs in 2026

APPENDIX A

Table 1: CRD Staff Establishment Chart: Proposed Regional Water Supply Needs

REGULAR POSITIONS - ONGOING	Proposed					
Department/Division	**2026**	**2027**	**2028**	**2029**	**2030**	**IBC Reference**
Infrastructure & Water Services						
Business Support Services	-	-	-	-	-	
Corporate Asset & Maintenance Management	1.00	-	-	-	-	2b-2.9 Reliability/Operational Performance
Infrastructure Engineering	2.00	1.00	-	-	-	2b-1.1 Dam Safety Program
	1.00	1.00	1.00	-	-	2a-2.3 Master Plan Program
Wastewater Infrastructure Operations	-	-	-	-	-	
	1.00	-	-	-	-	2a-2.3 Master Plan Program
Water Infrastructure Operations	0.50	-	-	-	-	2b-2.6 Operations Coordinator
	-	-	1.00	-	-	2b-2.5 Utility Operator - Water Operations
	-	1.00	-	-	-	2a-5.2 Equipment/Watershed Operator
Watershed Protection	-	0.75	0.75	0.75	-	2a-5.3 Seasonal Watershed Protection
	-	-	1.00	-	-	2a-5.4 Forest Management Plan Implementation
	-	-	-	1.00	-	2a-5.5 Forest Hydrology Technician
Corporate Capital Project Delivery	-	1.00	-	-	-	2b-2.7 Contract Support Service
TOTAL INFRASTRUCTURE & WATER SERVICES	**5.50**	**4.75**	**3.75**	**1.75**	**0.00**	
Corporate Services						
Administration, Legal and Risk Management	1.00	-	-	-	-	2a-2.3 Master Plan Program
First Nations Relations	1.00	-	-	-	-	2a-2.3 Master Plan Program
TOTAL CORPORATE SERVICES	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	
TOTAL CRD REGULAR POSITIONS PROPOSED FOR REGIONAL WATER SUPPLY	**7.50**	**4.75**	**3.75**	**1.75**	**0.00**	

Table 2: Projected Regional Water Supply - Insufficent information is available at this time to confirm the need and scope of these positions

REGULAR POSITIONS - ONGOING	Projected though Not Verified with an IBC					
Department/Division	**2026**	**2027**	**2028**	**2029**	**2030**	**IBC Reference**
Infrastructure & Water Services						
Business Support Services	-	-	*1.0*	-	-	*Master Plan: Interjurisdictional Relations Liaison (2028)*
			-		*1.0*	*Senior Communications Lead (2030)*
Corporate Asset & Maintenance Management	-	-	-	-	-	
Infrastructure Engineering	-	-	-	-	-	
Wastewater Infrastructure Operations	-	-	-	-	-	
Water Infrastructure Operations	-	-	-	-	*1.00*	*Master Plan: Utility Operator Pilot (2030)*
Watershed Protection	-	-	-	-	-	
Corporate Capital Project Delivery	-	-	*1.00*	-	-	*Capital Program Support (2028)*
TOTAL INFRASTRUCTURE & WATER SERVICES	**0.00**	**0.00**	**1.00**	**0.00**	**1.00**	
Parks, Recreation & Environmental Services						
Environmental Protection	-	-	*1.00*	-	-	*Demand Management - Program Manager*
TOTAL PARKS & ENVIRONMENTAL SERVICES	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	

Infrastructure & Water Services

Summary of Initiative Business Cases for Full-Time Equivalents in 2026

2b-1.1 Dam Safety Program – IWS (multi-year initiative started in 2024)

IWS manages 23 water supply dams. Of these, 15 are directly tied to the Regional Water Supply System. The remaining eight serve three other water services: Magic Lake Estates on North Pender Island (4), Lyall Harbour/Boot Cove on Saturna Island (1), and Wilderness Mountain near East Sooke (3). The Infrastructure & Water Services (IWS) department is responsible for the operation, maintenance, and surveillance of the dams, ensuring regulatory compliance and resolving safety concerns through both capital and operational improvements.

While dams are essential for storing water for delivery to customers, they also pose inherent risks. A dam failure can lead to catastrophic outcomes, including loss of life, property damage, and environmental and social impacts. In line with regulatory requirements, staff conduct regular safety reviews and studies to assess infrastructure conditions and benchmark CRD's dam management practices against industry best practices. These assessments have shown a rising trend in safety issues since 2017.

To proactively manage these risks, IWS launched a strategic initiative in 2024 (initiative 2b-1.1), to consolidated resources and establish a dedicated Dam Safety function with deep expertise in dam safety. This team is tasked with operating, maintaining, and monitoring dams to ensure they remain in a 'safe condition,' prioritizing and addressing known deficiencies, identifying and managing new risks, adapting to changing climatic conditions, and ensuring compliance with the *Dam Safety Regulation and Water Sustainability Act*.

As part of this initiative:

- In 2024, two new regular ongoing positions were created in the Infrastructure Planning & Engineering and Water Infrastructure Operations divisions to support the launch of this new initiative.
- In 2025, three new regular ongoing positions were created in the Infrastructure Planning & Engineering and Water Infrastructure Operations divisions to strengthen the team.
- In 2026, two additional regular ongoing Dam Safety Surveillance positions are proposed for the Infrastructure & Engineering division to support increasing operational needs.

Please note that an additional position is also planned for 2027, which will complete the gradual capacity growth of this initiative in IWS as planned through 2b-1.1. Funding for this initiative is covered through water fees and capital investments.

2a-2.3 Master Plan Program

The Regional Water Supply Master Plan (2022) is a comprehensive strategy to be implemented over the next 30 years to ensure sustainable, reliable drinking water for generations to come. It outlines more than 20 major infrastructure projects of critical importance aimed at enhancing system resilience, supporting population growth, and mitigating risks associated with climate change.

These projects are in addition to the existing capital plans and projects (e.g. the Regional Water Supply transmission upgrades) and will significantly increase planning and development efforts in IWS. Advancing the Master Plan projects will require substantial upfront planning and engineering work. Given the complexity of the projects, additional capacity is also needed to support legal reviews and engagement with First Nations communities.

This initiative proposes a phased increase to the staffing complement aligned with the Master Plan's implementation timeline. As a first step, four new regular ongoing positions are proposed for 2026:

- A Senior Project Manager (Infrastructure Planning & Engineering) that will be responsible for leading planning activities for Master Plan projects, including the filtration siting study, environmental and archaeological assessments, and supporting engagement with First Nations.
- An Operations Supervisor (Infrastructure Planning & Engineering) that will provide operational input during the planning, design, and construction phases of the Master Plan projects; will also ensure integration, operability, and coordination with engineering teams.
- A Paralegal (Legal Services & Risk Management) that will support contract development and provide administrative assistance for legal matters in IWS, including related to Master Plan projects.
- A First Nations Liaison (First Nations Relations) that will facilitate engagement with First Nations to support the successful delivery of Master Plan projects.

Funding for this initiative will be covered through water fees and capital investments. Additional staffing requests are expected in 2027 and 2028 to further build out the program as it matures.

2b-2.6 Operations Coordinator (RWS/JDF)

Operational supervisors and team leads responsible for the Regional Water Supply and Juan de Fuca Water Distribution systems are increasingly spending more time on regulatory and administrative responsibilities. These tasks include preparing safety documentation, acting as contractor coordinators, managing permitting processing, and tracking budgets. While these activities are both required and important, they are reducing the supervisory capacity available for in-field oversight and leadership, particularly in areas of controls and compliance. This shift is creating inefficiencies and increasing day-to-day service delivery risks.

To address this issue, this initiative seeks to create a new regular ongoing operations coordinator role in the Water Infrastructure Operations division in 2026. This position will be responsible for the administrative aspects of regulatory and operational risk management, allowing supervisors to focus on field-based leadership and oversight. Funding for this initiative will be covered through water rates.

2b-2.9 Reliability/Operational Performance

The Regional Water Supply Strategic Plan commits to delivering efficient, effective, and innovative operations across the water system infrastructure. To uphold this commitment and manage the growing complexity of Infrastructure & Water Services' (IWS') infrastructure portfolio, the department is proposing to create a dedicated function focused on optimizing asset performance and enhancing overall system reliability. This function will reside in the Corporate Asset & Maintenance Management division, which was established through the CRD Evolves 2024-2025 initiative to operationalize asset management by embedding it in an operational department and creating alignment with the existing maintenance management function.

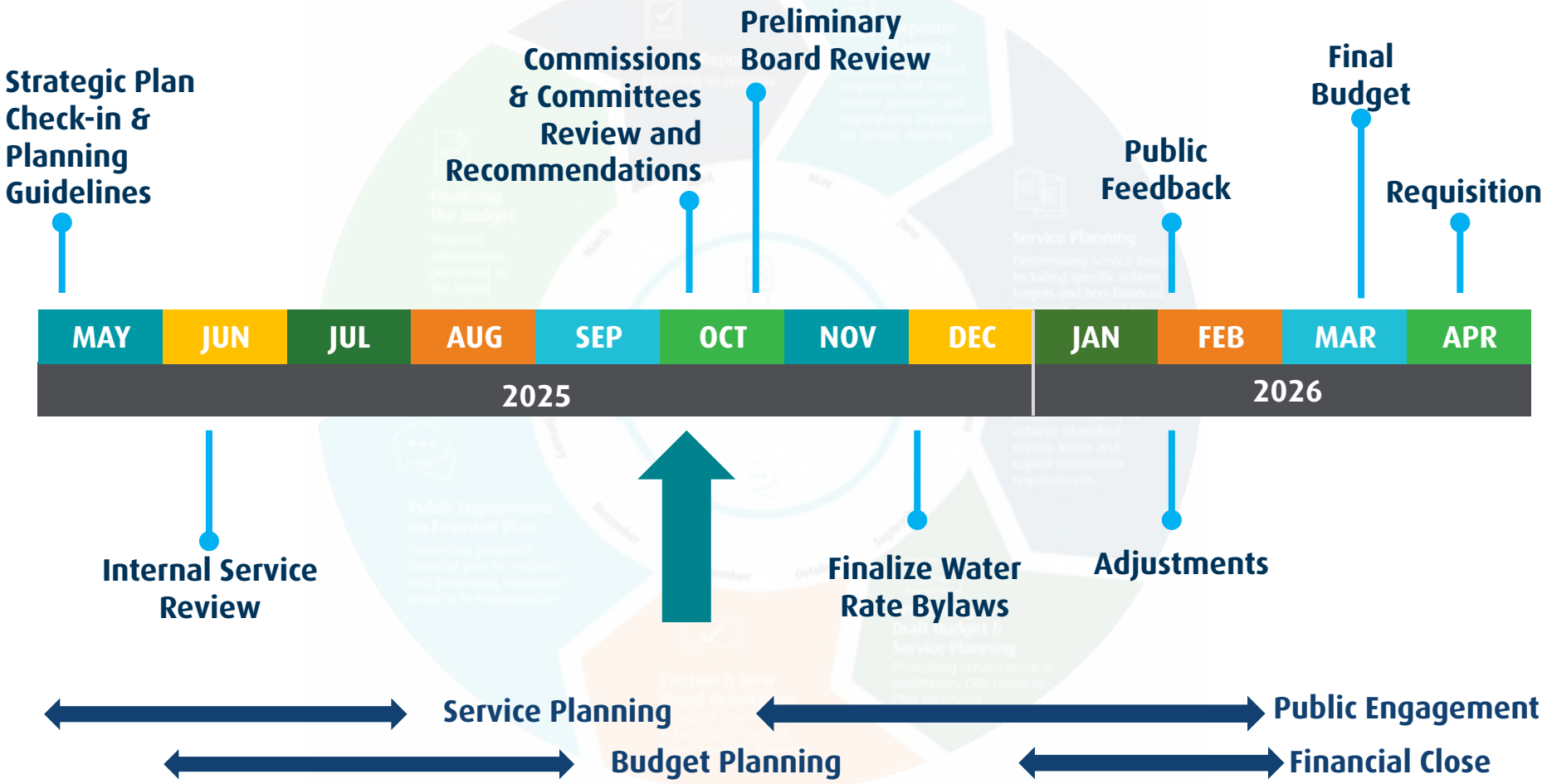
This initiative seeks to create a new regular ongoing Reliability/Operational Performance Engineer position in 2026. The role will be responsible for improving the reliability of the water service by collecting and analyzing asset performance data, developing optimized plans for asset maintenance, enhancements, repairs, and replacements, and supporting data-driven decision-making to improve service reliability. To guide the implementation of this new function, a study will be conducted to develop a roadmap for integrating this capacity into the department.

Staffing for this new function will be increased in a phased way, with additional requests planned for 2027 and 2028. Funding will be covered through water rates and requisition.

Regional Water Supply Service 2026 Budget Review

Regional Water Supply Commission
October 15, 2025

Budget Process Overview



2026 Budget Considerations

- 2025 Budget – year end budget projections
- Community Needs Summary and proposed Regional Water Supply Strategic Plan
- Existing Asset Condition, Infrastructure Growth and Resiliency Needs
- Operating budget adjustments
- Capital funding & debt servicing
- Water demand projection and trends
- Motion Arising from the July 16, 2025 Regional Water Supply Commission Meeting:
  - *That staff be directed to include the proposed positions for the Dam Safety Program (2 FTE), Master Plan Program (4 FTE), Operations Coordinator (0.5 FTE) and Reliability Engineer (1 FTE) in the Regional Water Supply 2026 budget, and*
  - *That staff be directed to incorporate future year's FTEs into the 2027-2030 financial plan for annual review.*

Current System Overview

Treat over 50,450 ML/yr

122.5 kilometers of Transmission Main

26 RWS Operations Staff

Manage 15 Dams

22,416 ha of Protected Watershed

Current Service Priorities

Commitments:

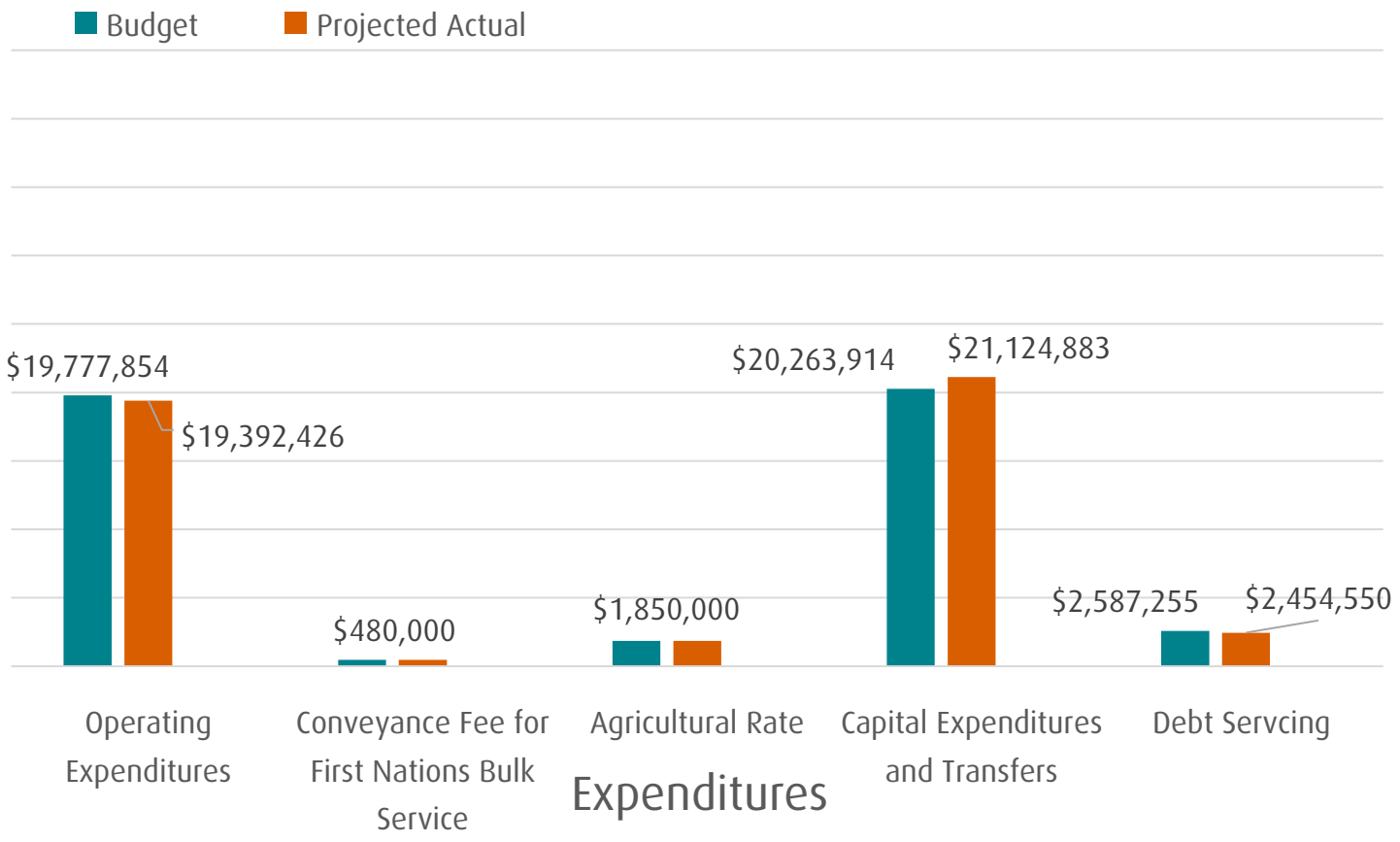
1. Provide high quality, safe drinkable water
2. Provide adequate, reliable, long-term supply of drinkable water
3. Provide efficient, effective and innovative operations of our water system infrastructure

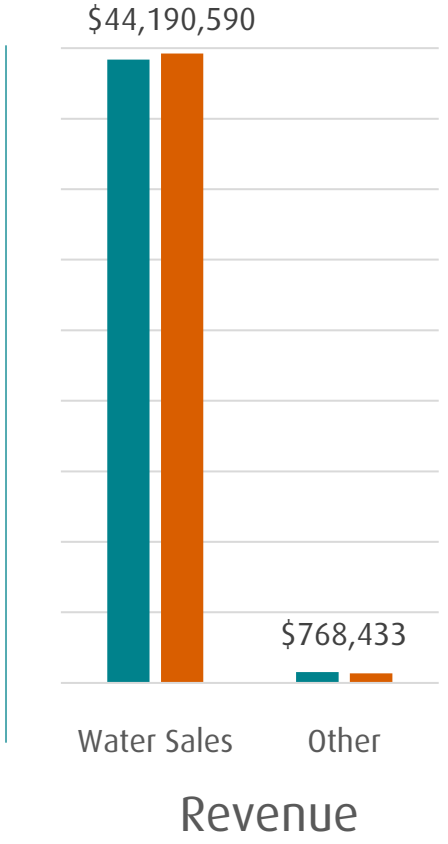
Guiding Principles:

- Respecting and adapting to the changing environment
- Empowering staff for sustainable water management
- Proactively managing and balancing internal and external risks
- Managing our resources effectively and efficiently
- Supporting a growing region with reliable service
- Fostering collaborative relationships with customers and partners to improve our service

2025 Year End Projections

Revenue	Budget | $45.0M	Actual* | $45.3M	+ $0.9M | 1.9%
Expenditures	Budget | $45.0M	Actual* | $44.4M	Transfer to Water Capital Fund





* Projected Actuals estimated in July 2025.

How the RWS Budget Works...

Bulk Water Rate

✖

Consumption rate

=

Revenue

Revenue

Saanich Peninsula Water Service

Sidney

north saanich

Central Saanich

JdF Water Distribution Service

DISTRICT OF HIGHLANDS

District of Sooke

Langford where it all happens.

Colwood

CRD

Municipalities

CITY OF VICTORIA

Saanich

Township of ESQUIMALT

DISTRICT OF OAK BAY

Other Participants

- First Nations Bulk Water Supply
- Westhills Supply

Expenditure

- Capital Transfers
- Operations
- Debt Servicing
- Agricultural Conveyance

Capital Investment

5-year Capital Plan includes:

- ✓ System growth
- ✓ Increased system resilience
- ✓ Asset renewal

Funding sources:

internal
- Reserves
- Capital funds on hand

external
- Debt
- Extra grants

Operations

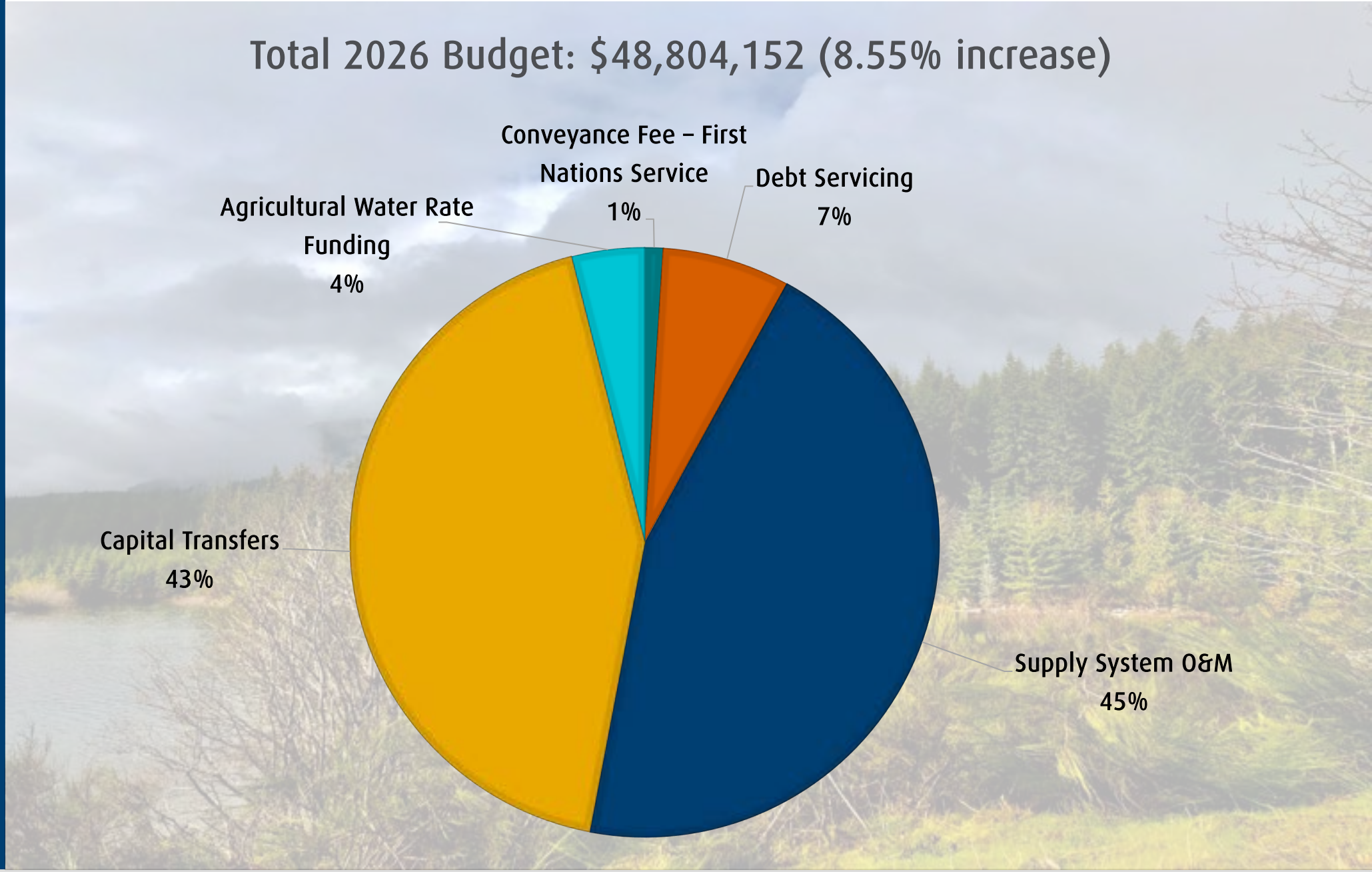
Operation and maintenance of infrastructure and programs to meet service demands for:

- Watershed Protection
- Water Operations
- Water Quality
- Cross Connection
- Demand Management
- Infrastructure Engineering
- Fleet Operation & Maintenance
- Admin Support
- Asset Management

Bulk Water Rate

2026 Budget Overview:

Breakdown of Expenditures



2026 Budget Overview:

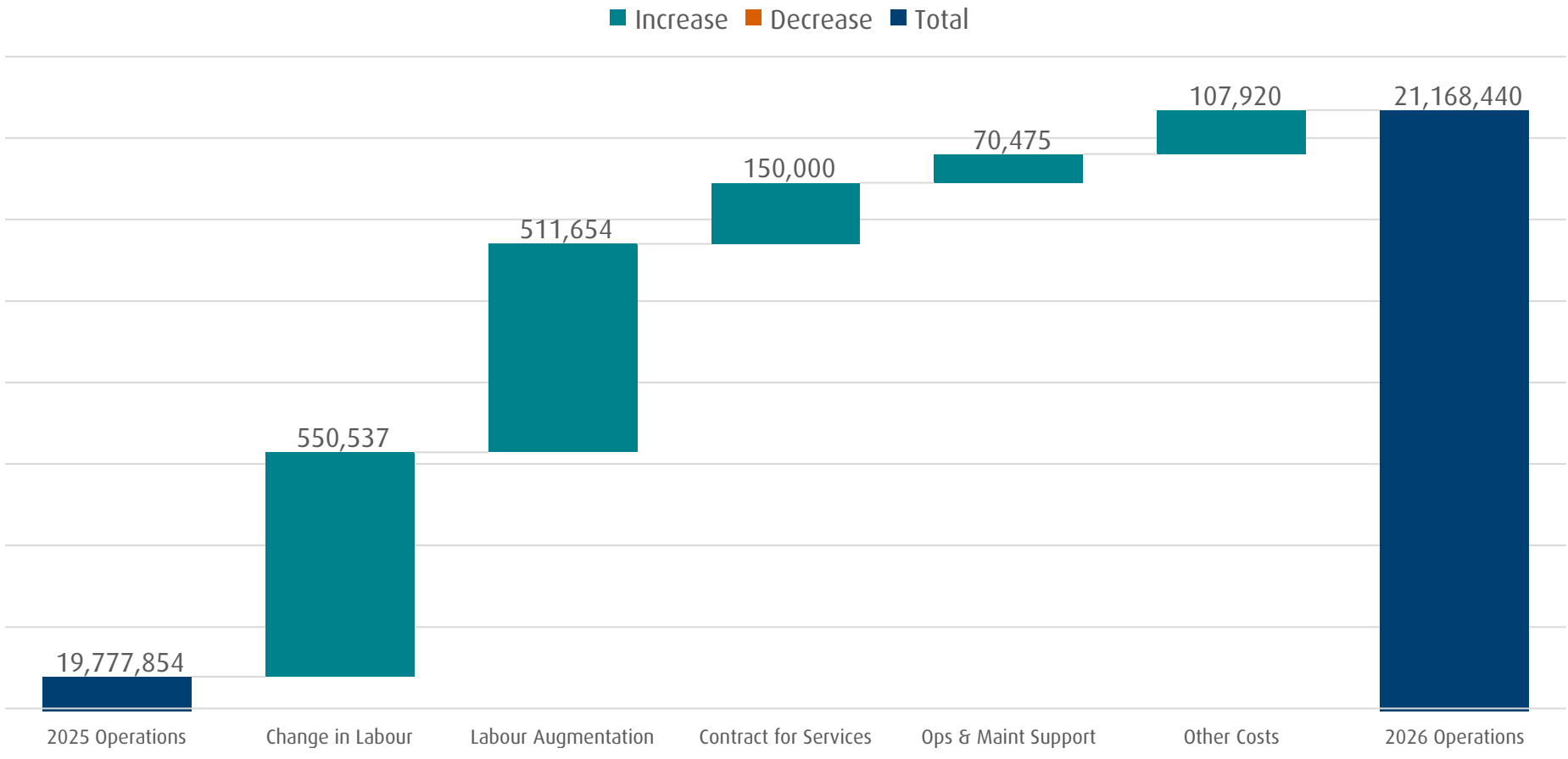
Operating Expenditures

Overview:

Core Operations: $21,168,440 (7.03%)

Highlights:

- Increases resulting from inflationary pressures and collective agreement obligations
- Labour costs related to FTEs to support Strategic Plan Initiatives



2026 Budget Overview:

Water Community Need Initiatives

Overview:

- Water Community Need Summary includes four proposed Initiative Business Cases to support the Regional Water Supply services and the Strategic Plan. Funding for the positions area a mixture of operation and capital budgets.*

Initiative Reference	Program Area	Business Driver - Rational	Staff impacts (2026)	Funding source
2a-2.3	Master Plan Program	Includes four new positions to advance Master Plan projects with substantial upfront planning and engineering work, support for legal reviews and engagement with First Nations communities.	4 New ongoing	Capital & Fee-for-service
2b-1.1	Dam Safety Program – Infrastructure and Water Services (multi-year initiative started in 2024)	Includes two additional Dam Safety Surveillance positions to support the operation, maintenance, and surveillance of the dams, as well as regulatory compliance activities and resolving safety issues through capital and operational safety improvements.	2 New ongoing	Capital & Fee-for-service
2b-2.6	Operations Coordinator (Water Operations)	Responsible for the administrative aspects of regulatory and operational risk management, addressing inefficiencies and day-to-day service delivery risks.	1 New Ongoing	Fee-for-service 50% JDF/ 50% RWS
2b-2.9	Reliability/Operational Performance	Responsible for improving the reliability of water service by collecting and analyzing asset performance data, developing optimized plans, and improving service reliability.	1 New Ongoing	Fee-for-service & Requisition

*Further details presented in July 16, 2025, staff report.

2026 Budget Overview

Water Rate Funding

First Nations Regional Water Service

2026 Conveyance Fee Budget

$500,000 (+4.2%)

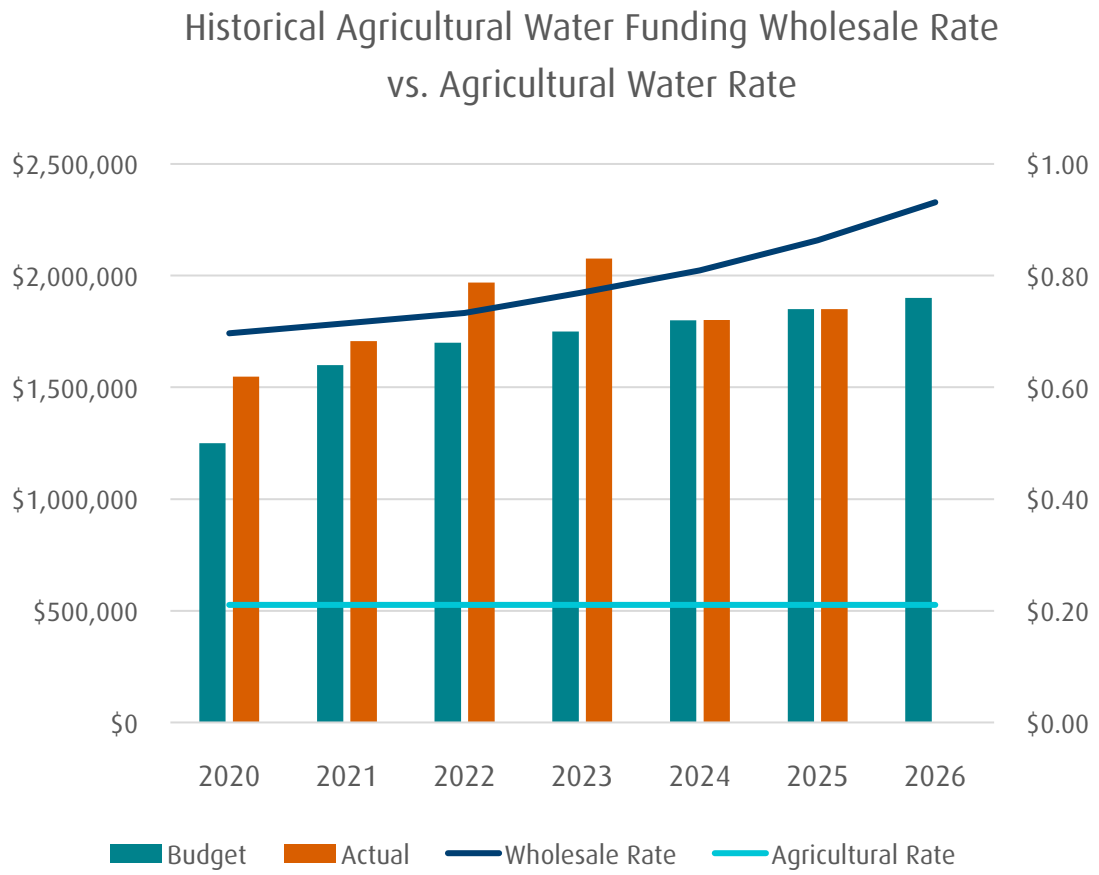
Agricultural Water Rate

2026 Agricultural Water Rate

$0.2105 / m^3 (0%)

2026 Agricultural Water Rate Budget

$1,900,000 (+2.7%)



2026 Budget Overview

Capital Plan

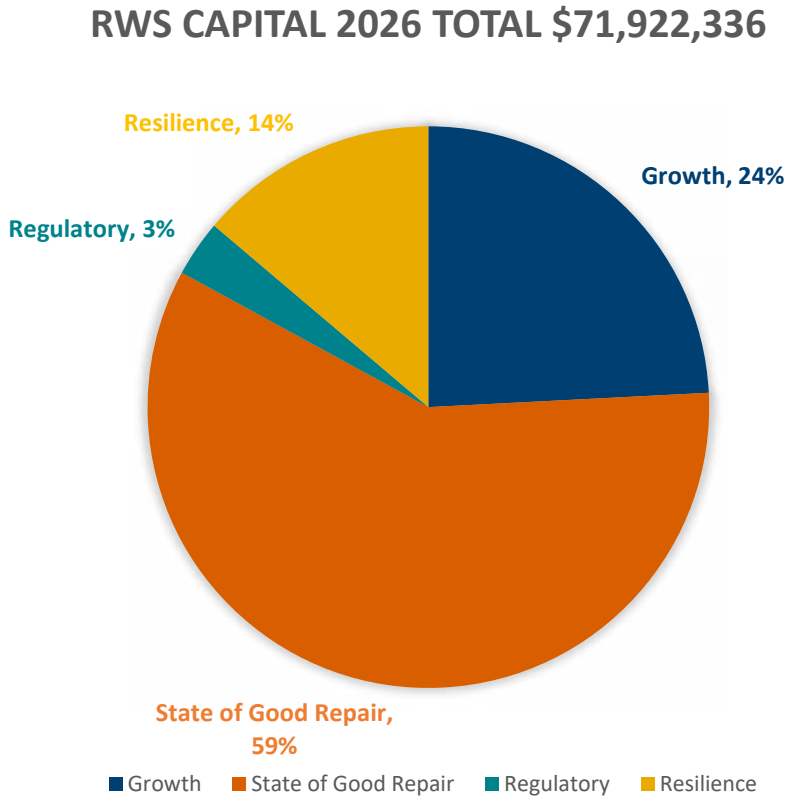
Overview	RWS (millions)	50% of JDF/RWS Combo (millions)	Total (millions)
Projects in Progress	$62.3	$ 0.5	$ 62.8
2026 Capital Budget	$71.9	$ 0.9	$ 72.8
5-Year Capital Budget	$350.9	$ 2.1	$ 353.0

2026 Key Projects:

- Forest Resilience Study
- Goldstream Field Office
- Master Plan Program Implementation
- Transmission Main 4 (Mt Newton to Highway 17 & Bear Hill Trunk Extension)
- Transmission Main 1 High Pressurizing
- Mount Tolmie Tank Assessment
- Critical Spare Equipment Storage & Pipe Yard
- Sooke Lake & Deception Watershed Dams - Upgrades and Improvements Program

Future Years:

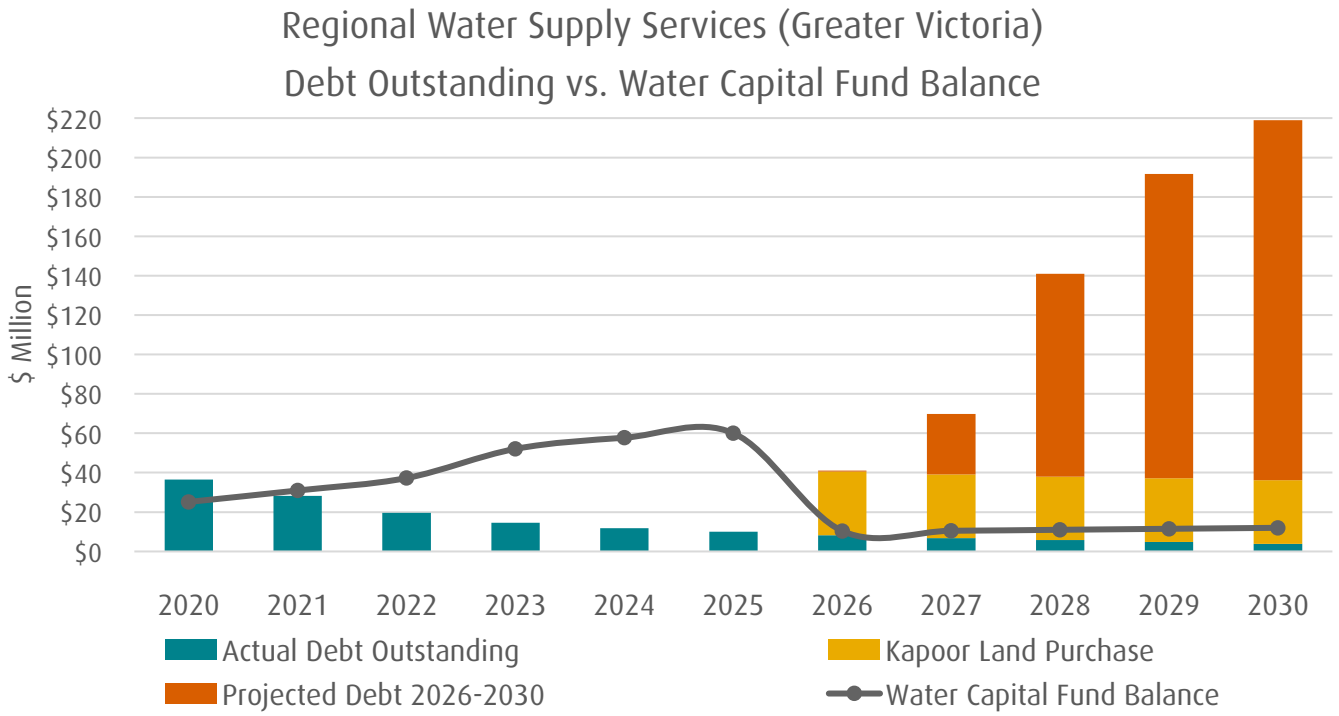
- Transmission Main Upgrades (on going)
- Master Plan Projects



2026 Budget Overview

Outstanding Debt & Capital Funding

2026 Transfer	2026 Budget	Budget change (over 2025 Budget)
Water Capital Fund	$21,000,000	$1,500,000
Debt Reserve Fund	$350,190	$163,817
Equipment Replacement Fund	$670,484	$92,943
Total Capital Transfers	**$22,020,674**	**$1,756,760**
Debt Servicing	**$3,215,038**	**$627,783**



Debt Servicing Costs are increasing 24.26% as a result of $32.3M Kapoor Lands investment.

2026 Budget Overview

Rate Base & Revenue Requirement

Water Rate Model:

Using the various 2026 budget inputs detailed previously, the water rate is calculated using the water rate model. The model considers annual O&M, the increase in rate base which drives asset deprecation and future capital needs and debt servicing cost for the utility.

2026 Rate Base: $11,240,035 increase	
2025 new assets capitalized (projected)	$19,634,159
2025 depreciation & asset value adjustments	$(7,139,323)
Resulting 2025 change in physical plant	$12,494,836
2025 construction work in progress (projected)	$17,979,375

2026 Revenue Requirement: $3,682,423 Increase	
2025 - 2026 O&M expense (change)	$1,440,586
2025 - 2026 depreciation (change)	$561,337
Return on rate base (change)	$1,680,500

2026 Budget Overview

Wholesale Rate History & Projection

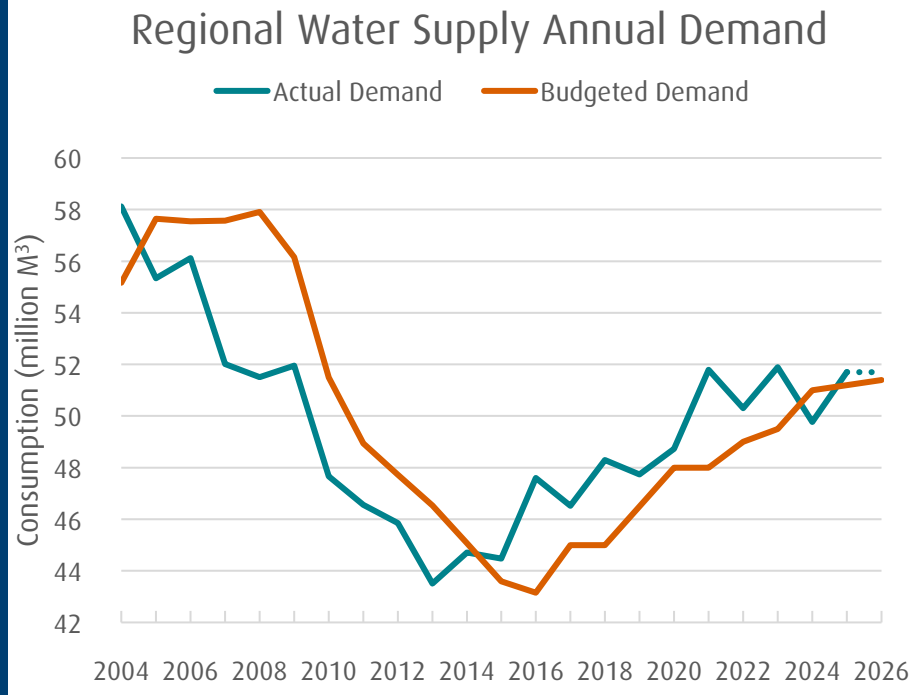
Overview:

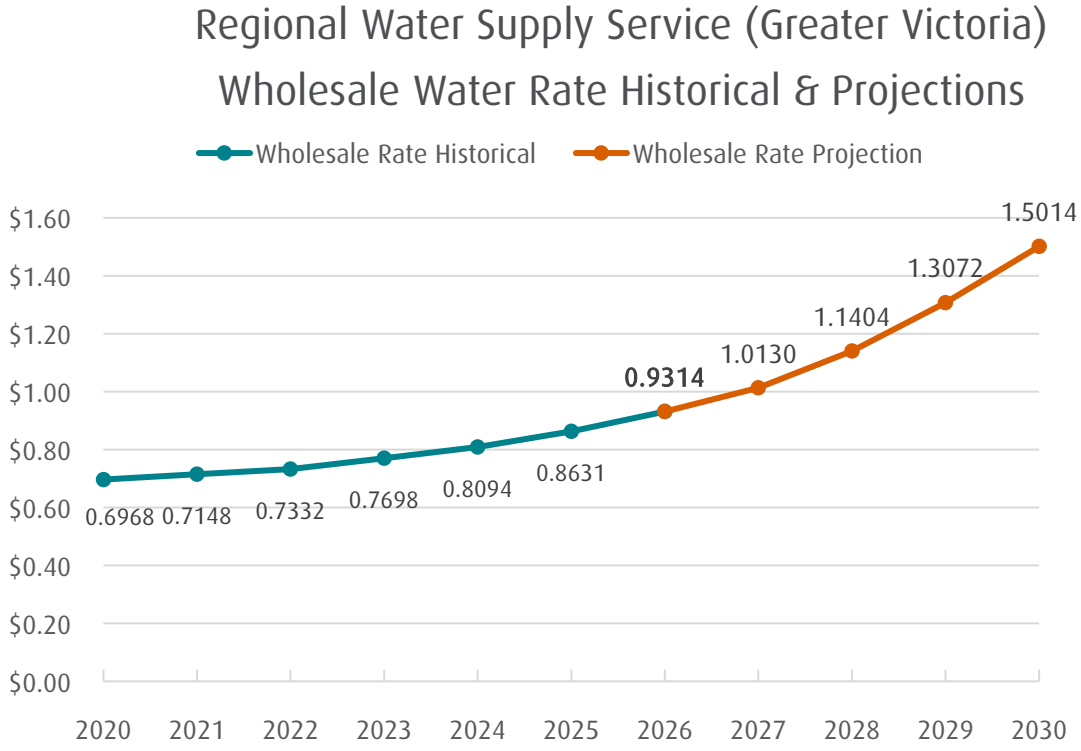
2025 Projected Actual Demand:
51,700,000 cubic metres

2026 Projected Water Demand:
51,400,000 cubic metres
(+200,000 cubic metres)

2025 Wholesale Rate: $0.8631
2026 Wholesale Rate: $0.9314 (+7.91%)

2026 rate is below rate indicated for 2026 in 2025 budget ($0.9441)





2026 Budget Overview

Water Demand and Rates

2026 Total Revenue Budget: $48,804,152

- **2026 Budget Water Demand:**
  51,400,000 cubic metres
  (+200,000 cubic metres)
- **2026 Regional Water Supply Wholesale Rate:**
  $0.9314 / cubic metre (+7.91%)
- **2026 Agricultural Rate:**
  $0.2105 / cubic metre (0%)
- **Annual cost increase to average residential consumption:**
  $16.31

Budget Overview

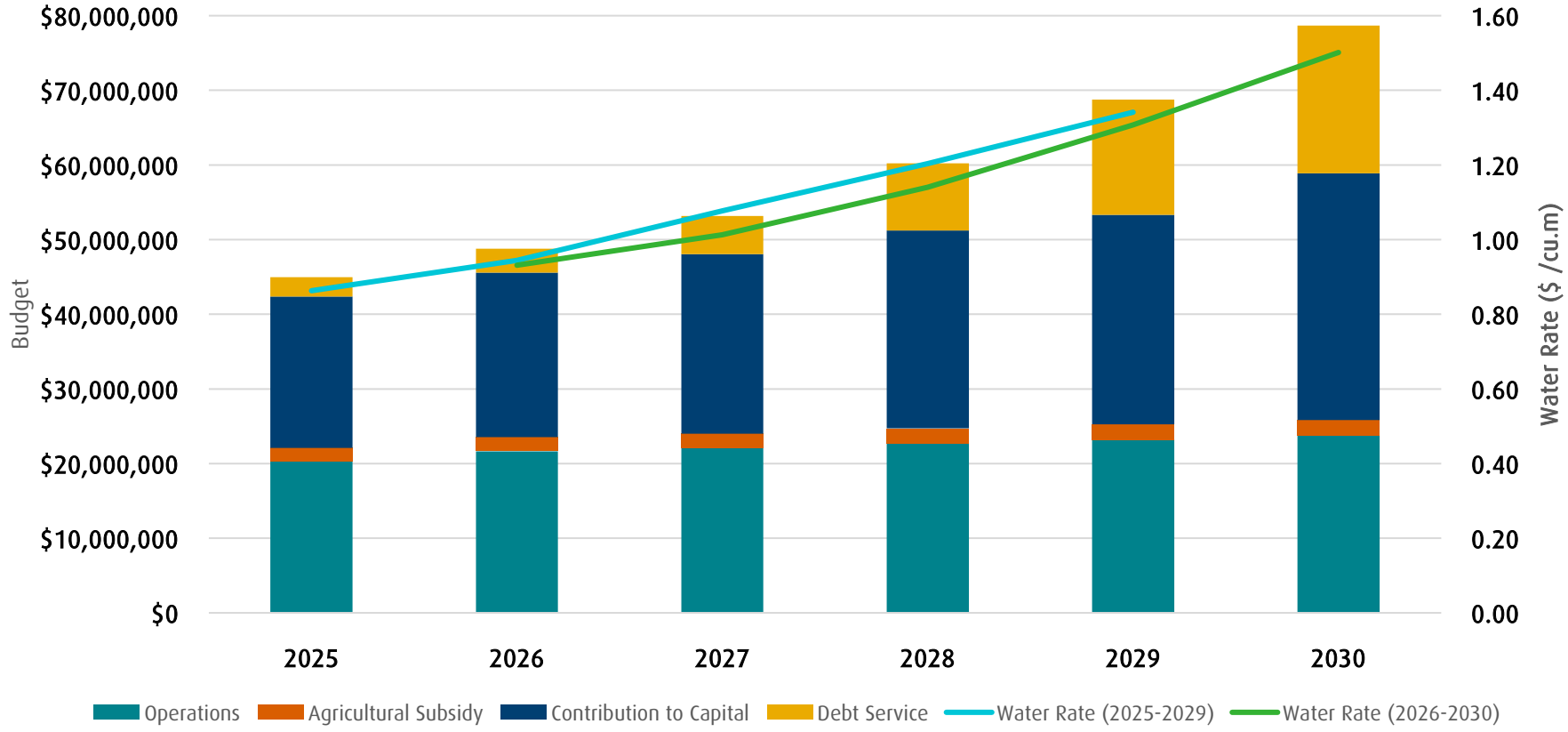
Multi-Year Projection

Overview:

2025 RWS budget: $44,959,023
2026 RWS budget: $48,804,152 (+8.55%)
2026-2030 Average Water Rate Increase: 11.87%

Drivers:

Growing Capital Program linked to development, Master Plan and aging infrastructure*



*Does not account for DCC program or potential future grants

Budget

Recommendations

1. Approve the 2026 Operating & Capital Budget & Five-Year Capital Plan;

2. Approve the 2026 wholesale water rate of $0.9314 per cubic metre;

3. Approve the 2026 agricultural water rate of $0.2105 per cubic metre;

4. Direct staff to balance the 2025 actual revenue and expense on the transfer to the water capital fund;

5. Direct staff to update carry forward balances in the 2026 Capital Budget for changes after year end; and

6. Direct staff to amend the water rates bylaw accordingly.

Thank You

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