

**2026-2030**  
**Financial Planning**  
**Core Services**  
Water Supply

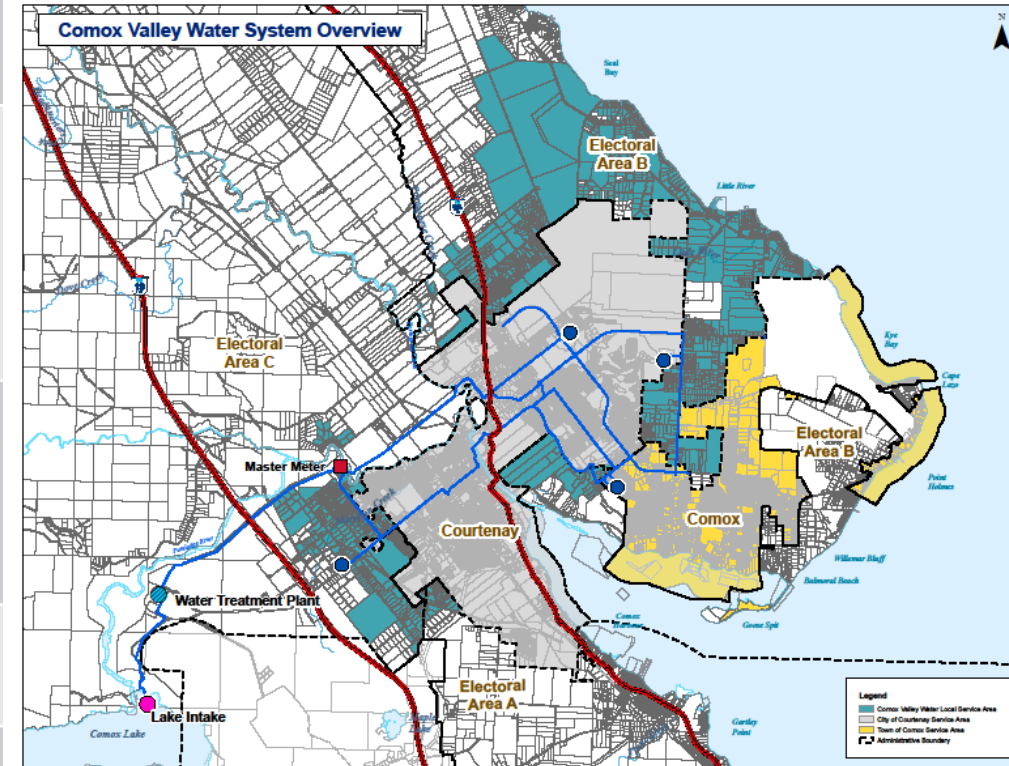
300 Comox Valley Water  
Supply Service





# Core Service Water Supply

Core Service	Water Supply
Service Name	Comox Valley Water Supply System
Service Sub-functions	301 – CV Watershed Protection Plan 302 – CV Water Treatment Plant & Raw Water Intake 303 – CVRD Water Distribution Operations 304 – CVRD Water Treatment Operations
Purpose	To design, construct, reconstruct, purchase, maintain & operate facilities for the supply, treatment, conveyancing, storage & distribution of water
Participants	Comox, Courtenay, Defined Areas within Electoral Areas A, B & C
2026 Proposed Changes to Service	None





# 300 Comox Valley Water Supply 2025 Accomplishments

- Fibre Optic connectivity between our major Regional Water sites
- Replaced 2 of the larger jurisdictional flow meters
- Set up 2 jurisdictional water meter kiosks with cellular connectivity
- Installed the Early Earthquake Warning System at West Courtenay Reservoir site
- Repaired a major valve on the transmission system (Lerwick/Ryan)
- Designed and piloted new water conservation signage (Ryan Rd)
- Progressed CityWorks upgrade and in-field tech solutions



# Strategic Priorities & Initiatives

Type	Initiative	Comment
Board	Complete Water South Extension	Agreement under development with partner review and approvals expected in early 2026
Board	Continue Water Master Planning	Working with municipal staff to finalize water conservation modelling and agree on principles of separation between transmission and distribution systems. Draft plan expected back to Water Committee in early 2026.



# 300 Comox Valley Water Supply 2026 Work Plan

- Complete Water Master Planning process
- Begin implementation of WMP recommendations
- Complete Water bylaw gap analysis & bring forward bylaw amendments
- Initiate Development Cost Charge (DCC) study
- Operational optimization process
- Advance asset management
- Advance safety program
- Add dump truck to fleet to save money & expedite emergency repairs
- Update remaining water restriction signage
- Repaint east Courtenay reservoir
- Advance Water South Extension Project (WSEP)



# 301 Watershed Protection Plan 2025 Accomplishments

- Update water efficiency plan
- Begin restoration planning/implementation at Coal Beach
- Continued Connected by Water community education programs
- Co-hosted *Watersheds, Wildfire, and Changing Forest Landscapes* practitioners workshop
- Deployed second thermistor in Comox Lake
- Progressed the Comox Lake emergency response plan
- Continued partnership with VIU to continue climate change & water availability data collection and research



# 301 Watershed Protection Plan 2026 Work Plan Highlights

- Complete update of water efficiency plan
- Continue implementation of conservation plan at Coal Beach
- Update water conservation bylaws and rebate program
- Begin new contract for Connected by Water
- Water quality monitoring
- Comox Lake emergency response planning
- Continued partnership with VIU to continue climate change and water availability data collection and research
- Continued advocacy for improvements to the PMFLA



# 302 Water Treatment Plant 2025 Accomplishments

- Backwash Aid Polymer rebuild and optimization
- Sludge Judge complete with roof access ports
- Complete WTP asset inventory into GIS and CityWorks
- Purchased EV vehicle for treatment operators & on-call





# 302 Water Treatment Plant 2026 Work Plan

- Railings around second level roof
- Ladders into Flocculation Tanks
- Complete the O&M scheduling
- Electric car chargers in front parking lot including fast charger for on-call vehicle





# Trends, Challenges & Opportunities

- Long lead times on supplies is now the norm and utilities are adjusting
- Continued escalation of cost of goods and services
- Increasing traffic, archeological, and safety requirements stretching resources
- Skilled and innovative team that is constantly striving to develop things internally



# Human Resources

	2026	2027
Opening FTE Balance	16.17	16.53
Addition Request		
Full time	0.47	0.26
Part Time		
Temporary /Casual		
Adjustments	-0.11	0.10
Total Change	0.36	0.36
Ending FTE Balance	16.53	16.89

2026 Addition:

- 0.46 FTE - Asset Management Specialist (0.8 FTE allocated across all Water Services)

2027 Additions:

- 0.16 FTE - GIS Analyst
- 0.10 FTE - Business Application Specialist



# Expenses

## Year over Year Change

Expense Category	2025 Approved Budget	2026 Proposed Budget	Increase (Decrease)	
			(\$)	(%)
Support Services	\$1,174,786	\$1,508,895	\$334,109	28.4%
Personnel Costs	2,274,309	2,411,075	136,766	6.0%
Materials, Supplies, Utilities	1,224,140	1,270,208	46,068	3.8%
Contract & General Services	1,720,678	1,500,720	(219,958)	(12.8%)
Debt Charges	2,340,645	2,123,832	(216,813)	(9.3%)
Transfer to Reserves	1,241,387	961,835	(279,552)	(22.5%)
Transfer to Other Services	18,388	24,449	6,061	33.0%
Transfer to Other Governments	20,000	-	(20,000)	(100.0%)
Minor Capital	146,000	92,676	(53,324)	(36.5%)
<b>Total Expenses</b>	<b>\$10,160,333</b>	<b>\$9,893,690</b>	<b>(\$266,643)</b>	<b>(2.6%)</b>

## Key Notes

- Software implementation [+100K]
- 2025 One-time Energy Emissions objective implementation [-100K]
- 2025 One-time Water Master Plan [-209K]
- MFA debt for Dingwall watermain/pump station retired [-216K]



# Revenue

## Year over Year Change

## Key Notes

	2025 Approved Budget	2026 Proposed Budget	Increase (Decrease)	
			(\$)	(%)
Sale of Services	\$8,908,539	\$9,526,728	\$618,189	6.9%
Other Revenue	55,000	65,000	10,000	18.2%
Government Grants	46,900	-	(46,900)	(100.0%)
Recoveries from Other Functions	50,217	261,962	211,745	(421.7%)
Transfers From Reserve	40,000	40,000	-	-
Prior Year Surplus	1,059,677	-	(1,059,667)	(100.0%)
<b>Total Revenue</b>	<b>\$10,160,333</b>	<b>\$9,893,690</b>	<b>(\$266,643)</b>	<b>(2.6%)</b>

- 2025 One-time BC Hydro grant [-46.9K]
- Recovery of costs from subfunctions [+211.7K]
- No surplus at proposed



# Funding Sources

Year	2025-2029 Financial Plan		2026-2030 Proposed Financial Plan	
	Bulk Water Rate (\$/m3)	Revenue	Bulk Water Rate (\$/m3)	Revenue
2025	\$1.00	\$8.7M	-	-
2026	\$1.00	\$8.8M	\$1.00	\$9.5M
2027	\$1.00	\$8.9M	\$1.05	\$10.2M
2028	\$1.00	\$9.0M	\$1.07	\$10.6M
2029	\$1.00	\$9.1M	\$1.08	\$10.9M
2030	-	-	\$1.10	\$11.3M



# Operating Budget: 2027-2030 Projections

Category	2027	2028	2029	2030
Water Sales	\$10,202,013	\$10,609,046	\$10,908,050	\$11,308,537
Other Revenue	65,000	65,000	65,000	65,000
Transfers from Reserve	40,000	40,000	-	-
Recoveries from Other Functions	673,816	655,166	658,530	661,976
<b>Total Revenue</b>	<b>\$10,980,829</b>	<b>\$11,369,212</b>	<b>\$11,631,580</b>	<b>\$12,035,513</b>
Support Services	\$1,581,560	\$1,598,873	\$1,652,324	\$1,706,227
Personnel Costs	2,554,506	2,674,081	2,780,591	2,878,133
Materials, Supplies, Utilities	1,291,592	1,323,751	1,356,719	1,390,515
Contract & General Service	1,355,879	1,331,703	1,358,207	1,388,204
Debt Charges	1,820,543	1,980,543	1,980,543	3,297,282
Transfer to Reserve	2,262,912	2,346,300	2,395,457	1,271,906
Transfer to Other Services	34,720	33,366	25,629	19,082
Minor Capital	79,117	80,595	82,110	84,164
<b>Total Expenses</b>	<b>\$10,980,829</b>	<b>\$11,369,212</b>	<b>\$11,631,580</b>	<b>\$12,035,513</b>

# 300 Comox Valley Water Supply

## 2026-2035 Capital Planning





# Asset Management Update

- Engage AM specialist
- Progress asset inventory/replacement schedule
- Support corporate AM program development
- Development of condition assessment program
- Develop risk/criticality model
- Complete implementation of CMMS





# Asset Management Advancement

<b>Operating</b>	<b>2026 (Y2)</b>	<b>2027 (Y3)</b>	<b>2028 (Y4)</b>	<b>2029 (Y5)</b>	<b>Total</b>
Human Resource	\$57,805	\$119,283	\$131,984	\$131,984	\$441,056
Consultants	81,519	82,307	33,115	33,973	230,884
Shared Benefit	39,131	68,173	22,928	8,560	138,792
<b>Total Operating Cost</b>	<b>\$178,455</b>	<b>\$269,763</b>	<b>\$188,027</b>	<b>\$174,487</b>	<b>\$810,732</b>

<b>Capital (Technology)</b>	<b>2026 (Y2)</b>	<b>2027 (Y3)</b>	<b>2028 (Y4)</b>	<b>2029 (Y5)</b>	<b>Total</b>
Software Implementation	-	\$50,000	-	\$25,000	\$75,000
Training	\$2,813	2,813	\$2,813	2,813	11,250
<b>Total Capital Cost</b>	<b>\$2,813</b>	<b>\$52,813</b>	<b>\$2,813</b>	<b>\$27,813</b>	<b>\$86,252</b>



# 2026-2030 Capital Plan

	2026	2027	2028	2029	2030
1023 - Annual Capital Equipment	\$150,000	\$20,000	\$20,000	\$20,000	\$20,000
1033 - Vehicle Purchase	460,000	160,000	-	515,000	-
1063 - Annual Capital Projects	1,070,000	1,725,000	1,125,000	1,125,000	1,125,000
1063 – East Courtenay Pump Station & Reservoir Re-Paint	800,000	2,500,000	-	-	-
1063 – Comox Reservoir Repair	-	-	5,000,000	-	-
1141 - Water South Extension	11,792,177	6,289,523	-	-	-
1190 – Primary Feed to East Courtenay & Comox	-	-	200,000	500,000	50,000,000
<b>Total</b>	<b>\$14,272,177</b>	<b>\$10,694,523</b>	<b>\$6,345,000</b>	<b>\$2,160,000</b>	<b>\$51,145,000</b>



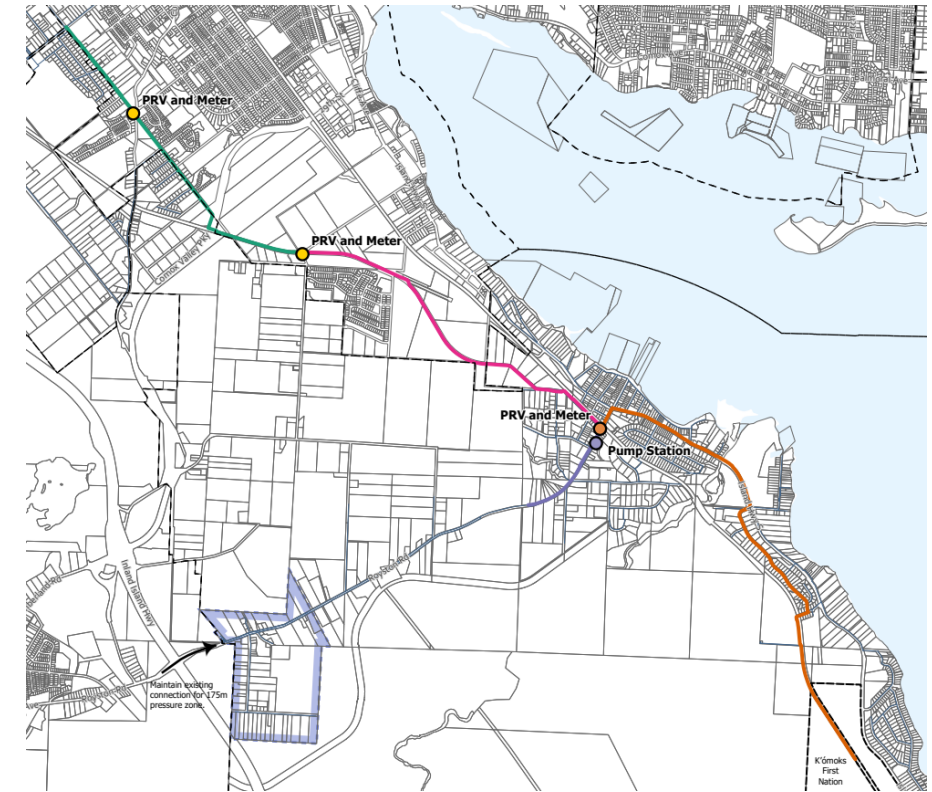
# 2031-2035 Long Term Capital Plan

	2031	2032	2033	2034	2035
1023 - Annual Capital Equipment	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
1033 - Vehicle Purchase	-	-	-	125,000	160,000
1063 - Annual Capital Projects	1,050,000	1,050,000	1,050,000	1,050,000	1,050,000
1141 - Water South Extension	-	-	-	-	-
1190 - Primary Feed to East Courtenay & Comox	-	-	-	-	-
1191 - Second Clearwell	200,000	20,000,000	-	-	-
<b>Total</b>	<b>\$1,270,000</b>	<b>\$21,070,000</b>	<b>\$1,070,000</b>	<b>\$1,195,000</b>	<b>\$1,230,000</b>



# Water South Extension Project

Description	Current Cost Estimate
Construction Costs	\$13.2M
Escalation to Midpoint of Construction	\$1.6M
Engineering Costs	\$2.0M
L&/Legal/Other	\$1.3M
Contingency	\$3.9M
<b>Total Project Costs</b>	<b>\$22.0M</b>
Grant Funding (ICIP – Green Infra. EQ program)	\$7.4M
<b>Total Cost After Grant</b>	<b>\$14.6M</b>





# 2026-2030 Debt Balance by MFA Issue

	2026	2027	2028	2029	2030
MFA Issue 99 (Expires 2026) – Capital Management of Water Infrastructure	\$158,747	--	--	--	--
MFA Issue 156 (Expires 2041) – Water Treatment Plant	15,875,775	\$15,072,093	\$14,270,093	\$13,467,252	\$12,644,411
1MFA Issue 160 (Expires 2043) – Water Treatment Plant	4,473,986	4,300,784	4,127,582	3,954,380	3,781,178
<b>Total</b>	<b>\$20,508,508</b>	<b>\$19,372,877</b>	<b>\$18,397,675</b>	<b>\$17,421,632</b>	<b>\$16,425,589</b>



# 2026-2030 Debt Servicing

	2026	2027	2028	2029	2030
Long Term Debt – Principal	\$1,134,790	\$976,043	\$976,043	\$976,043	\$1,179,613
Debt – Interest	989,042	844,500	1,004,500	1,004,500	2,117,669
<b>Total</b>	<b>\$2,123,832</b>	<b>\$1,820,543</b>	<b>\$1,980,543</b>	<b>\$1,980,543</b>	<b>\$3,297,282</b>
Operating Costs	9,893,600	10,980,829	11,369,212	11,631,580	12,035,513
<b>Debt as % of Operating Costs</b>	<b>21.5%</b>	<b>16.6%</b>	<b>17.4%</b>	<b>17.0%</b>	<b>27.4%</b>



# Reserves

## Projected Balances

Reserve	2025 Ending Balance
300 – Future Expenditure Reserve	\$784,793
838 – Capital Works Reserve	\$7,734,044
894 – DCC Reserve	\$5,472,358
<b>Total</b>	<b>\$13,991,195</b>



# Future Expenditure Reserve (300)

	2026	2027	2028	2029	2030
Opening Balance	\$784,793	\$864,793	\$1,024,793	\$1,204,793	\$1,404,793
Add: Contributions to Reserve	120,000	200,000	220,000	200,000	200,000
Less: Transfers from Reserve	40,000	40,000	40,000	-	-
<b>Ending Balance</b>	<b>\$864,793</b>	<b>\$1,024,793</b>	<b>\$1,204,793</b>	<b>\$1,404,793</b>	<b>\$1,604,793</b>



# Capital Works Reserve (838)

	2026	2027	2028	2029	2030
Opening Balance	\$7,734,044	\$6,093,066	\$5,267,634	\$4,615,590	\$4,192,703
Add: Contributions to Reserve	841,835	1,632,381	1,695,769	1,764,926	641,375
Less: Transfers from Reserve	2,482,813	2,457,813	2,347,813	2,187,813	1,145,000
Ending Balance	\$6,093,066	\$5,267,634	\$4,615,590	\$4,192,703	\$3,689,078








## DCC Reserve (894)

	2026	2027	2028	2029	2030
Opening Balance	\$5,472,358	\$5,472,358	\$5,902,889	\$6,333,420	\$6,763,951
Add: Contributions to Reserve*	-	430,531	430,531	430,531	430,531
Less: Transfers from Reserve	-	-	-	-	-
<b>Ending Balance</b>	<b>\$5,472,358</b>	<b>\$5,902,889</b>	<b>\$6,333,420</b>	<b>\$6,763,951</b>	<b>\$7,194,483</b>

\* Reserve contributions for DCC reserve are included using average annual contributions received



## Summary

<b>Fiscal Responsibility</b> 	<b>Climate Crisis &amp; Environmental Stewardship &amp; Protection</b> 	<b>Community Partnerships</b> 	<b>Indigenous Relations</b> 	<b>Accessibility, Diversity, Equity &amp; Inclusion</b> 
<p>Bulk water rate review planned for 2026 to ensure funding available for future infrastructure liabilities identified in the WMP and AM work</p>	<p>Implementation of WPP to increase resiliency of the Comox Lake Watershed</p> <p>Courtenay &amp; Comox commercial &amp; some residential properties metered</p> <p>CEEP implementation</p>	<p>WPP guided by multi-stakeholder Watershed Advisory Group</p> <p>Service is a partnership between Courtenay, Comox &amp; Electoral Areas</p>	<p>MBA signed in 2018</p> <p>Working together for servicing K'ómoks development lands through the Water South Extension Project</p>	<p>Consideration for extending regional water services to the south</p> <p>Assess other requests to extend water services</p>



# Options & Recommendations



That the proposed 2026-2030 financial plan for the Service 300 Comox Valley Water Supply be approved.



Questions?