

**2025-2029**  
**Financial Planning**  
**Core Services**  
Water Supply

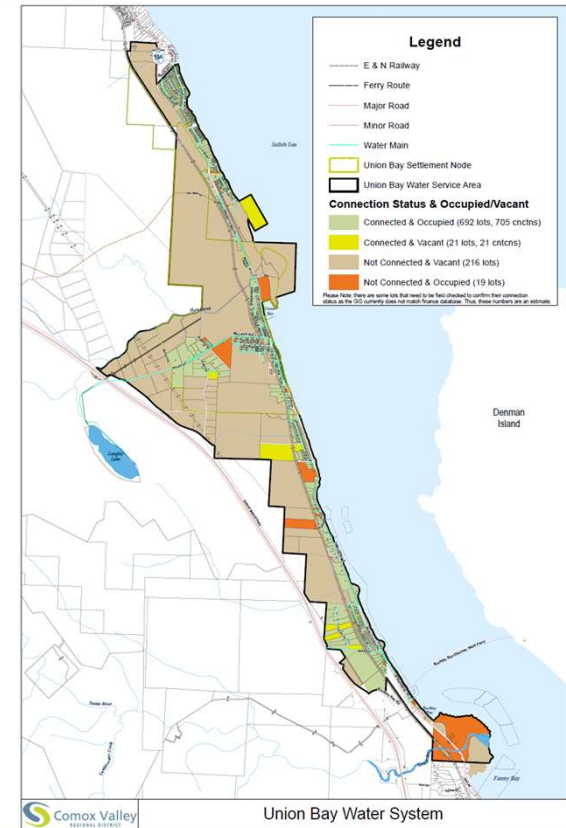
308 Union Bay Water Local  
Service Area





# Core Service Water Supply

Core Service	Water Supply
Service Name	Union Bay Water Local Service Area (WLSA)
Service Sub-functions	None
Purpose	To provide distribution of water within the Union Bay Local Water Service Area
Participants	Defined portion of Electoral Area A
2025 Proposed Changes to Service	None





# 2024 Accomplishments

- The year of the Dam
  - Fell a dozen problem trees at toe of dam, cleared vegetation from exposed face and re-constructed erosion spots
  - Developed a thorough dam inspection report that will feed into the 2025 Dam Review and installed photo documentation poles
  - Completed an inundation study required for regulatory compliance
- Performed a leak detection exercise and found and repaired 10 leaks
- Installed 2 water distribution sample kiosks
- Designed the Nelson Loop watermain project







## 2025 Work Plan

- Reservoir outlet meter/chamber
  - Will assist with a water loss audit
- New WTP server and SCADA upgrades
  - Standardize for programming, operations and will integrate with future upsizing
- McKay Reservoir upgrades
  - Power and controls which will benefit both quality and conservation
- Dam project
  - Build construction and maintenance access road across Washer Creek
  - Intake inspection/repair with diver
- Construct Nelson Loop



# Trends, Challenges & Opportunities

- Long lead times on supplies is now the norm and utilities are adjusting
- Primary challenge is cost of goods and services
- We have a skilled and innovative team that is constantly striving to develop things internally



## Innovative Ideas Resulting in Cost Saving

- McKay reservoir upgrades
  - Using the Nelson PRV kiosk, we will re-plumb the valve to act as an altitude valve to cycle the tank while creating a new distribution zone. Instead of a costly control station at the reservoir, using the PRV kiosk will save significant funds.
- Photo poles
  - As an operator's idea, these poles force the operators to take photos from the exact same location and direction which will make it easier to trend changes.



# Human Resource

	2025	2026
Opening FTE Balance	2.68	2.79
Addition Request		
Full time		
Part Time		
Temporary /Casual		
Adjustments		
Total Change	0.11	0.00
Ending FTE Balance	2.79	2.79

- Continued integration of operators inherited through conversion process
- Adjustment to allocations of shared positions between water service areas





# Expenses

## Year over Year Change

Category	2024 Approved Budget	2025 Proposed Budget	Increase (Decrease)	
			(\$)	(%)
Support Services	\$36,469	\$56,070	\$19,601	53.7%
Personnel Costs	383,796	411,632	27,836	7.3%
Materials, Supplies & Utilities	91,666	128,731	37,065	40.4%
Contract & General Services	131,305	261,051	129,746	98.8%
Debt Charges	245,879	245,879	-	-
Transfer to Reserves	328,455	23,864	(304,491)	(92.7%)
Transfer to Other Services	1,596	247	(1,349)	(84.5%)
Minor Capital	15,000	12,625	(2,375)	(15.8%)
<b>Total Expenses</b>	<b>\$1,234,166</b>	<b>\$1,140,199</b>	<b>(\$93,967)</b>	<b>(7.6%)</b>

## Key Notes

- Permits/Licenses [+30K] for CHP and HCA compliance
- Professional fees [+70K], Engineering fees [+30K]



# Revenue

## Year over Year Change

## Key Notes

- Consistent with rate increases approved through the 2023 comprehensive rate review

Category	2024 Approved Budget	2025 Proposed Budget	Increase (Decrease)	
			(\$)	(%)
Parcel Tax	\$393,340	\$428,130	\$34,790	8.8%
Sale of Services	681,296	712,069	30,773	4.5%
Prior Year Surplus	159,530	-	(159,530)	(100.0%)
<b>Total Revenue</b>	<b>\$1,234,166</b>	<b>\$1,140,199</b>	<b>(\$93,967)</b>	<b>(7.6%)</b>



## Funding Sources

Rate Component	2024	2025	2026	2027	2028	2029
<b>User Rates</b>						
% Increase	3%	2.5%	1.5% per year to match inflation			
Cost for Avg User (158m <sup>3</sup> /yr)	\$874	\$895	\$908	\$922	\$936	\$950
<b>Parcel Tax</b>						
% Increase	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
Cost per Parcel	\$554	\$603	\$655	\$712	\$774	\$841
<b>Total Annual Cost of Water to Average User</b>	<b>\$1,428</b>	<b>\$1,498</b>	<b>\$1,564</b>	<b>\$1,635</b>	<b>\$1,710</b>	<b>\$1,791</b>



# Operating Budget: 2026-2029 Projections

Category	2026	2027	2028	2029
Parcel Tax	\$465,050	\$505,520	\$549,540	\$597,110
Sale of Services	729,927	748,234	767,002	786,127
<b>Total Revenue</b>	<b>\$1,194,977</b>	<b>\$1,253,754</b>	<b>\$1,316,542</b>	<b>\$1,383,237</b>
Support Services	\$56,070	\$56,070	\$56,070	\$56,070
Personnel Costs	425,628	440,180	455,302	471,020
Materials, Supplies, Utilities	131,910	134,995	134,689	137,998
Contract & General Service	208,177	161,635	145,181	148,815
Debt Charges	245,879	311,353	344,090	409,564
Transfer to Reserve	121,819	143,914	175,477	153,975
Transfer to Other Services	241	223	214	138
Minor Capital	5,253	5,384	5,519	5,657
<b>Total Expenses</b>	<b>\$1,194,977</b>	<b>\$1,253,754</b>	<b>\$1,316,542</b>	<b>\$1,383,237</b>

# 308 Union Bay Water

## 2025-2034 Capital Planning





# Asset Management Update

- Asset inventory/replacement schedule
- Support corporate AM program development
- Risk/criticality assessment
- Integration to GIS
- Continue implementation of CMMS
- Select and start implementation of DSS software
- Development of condition assessment program





## 2025-2029 Capital Plan

	2025	2026	2027	2028	2029
1163 – Water Meter Replacements	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
1163 – Pipe Replacement	-	-	1,119,745	795,163	987,902
1163 – Other Annual Capital Projects	\$360,000	-	-	-	-
1174 – Water Treatment Plant - Phase 2	2,750,000	750,000	-	-	-
<b>Total</b>	<b>\$3,185,000</b>	<b>\$825,000</b>	<b>\$1,194,745</b>	<b>\$870,163</b>	<b>\$1,062,902</b>



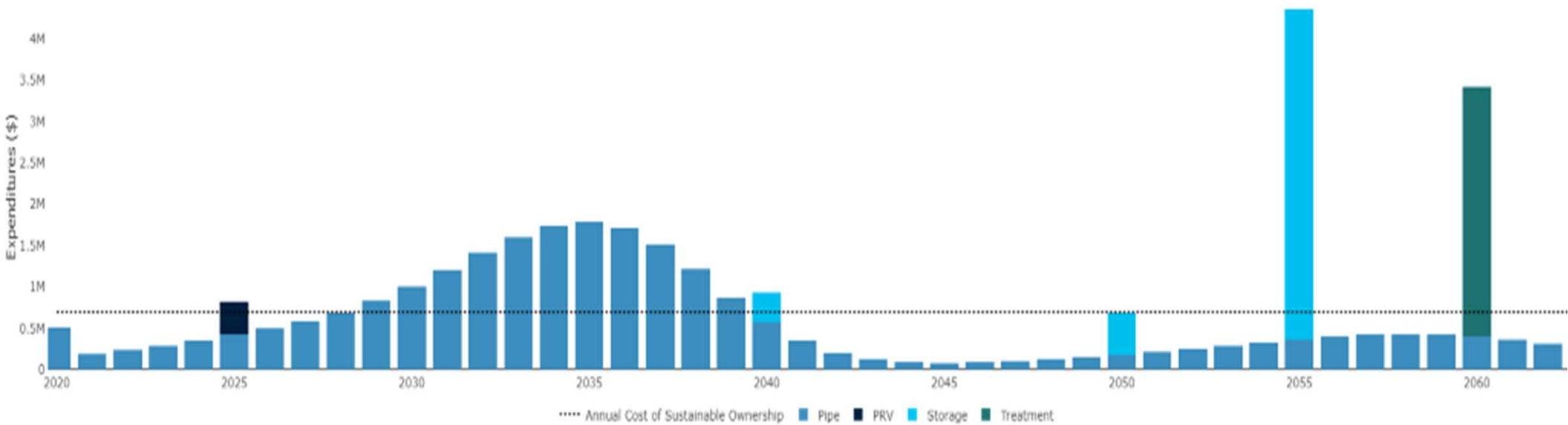
# 2030-2034 Long-Term Capital Plan

	2030	2031	2032	2033	2034
1163 – Water Meter Replacements	-	-	-	-	-
1163 – Pipe Replacement	\$1,232,250	\$1,521,442	\$1,836,757	\$2,145,638	\$2,399,204
1163 – Other Annual Capital Projects	-	-	-	-	-
1174 – Water Treatment Plant - Phase 2	-	-	-	-	-
<b>Total</b>	<b>\$1,232,250</b>	<b>\$1,521,442</b>	<b>\$1,836,757</b>	<b>\$2,145,638</b>	<b>\$2,399,204</b>





# Long Term Capital Plan





# Reserves

## Projected Balances

Reserve	2024 Ending Balance
308 – Future Expenditure Reserve	\$72,676
861 – Capital Works Reserve	1,044,286
<b>Total</b>	<b>\$1,116,962</b>



# Future Expenditure Reserve (308)

## Projected Balances

	2025	2026	2027	2028	2029
Opening Balance	\$72,676	\$82,676	\$92,676	\$102,676	\$102,676
Add: Contributions to Reserve	10,000	10,000	10,000	-	-
Less: Transfers from Reserve	-	-	-	-	-
Ending Balance	\$82,676	\$92,676	\$102,676	\$102,676	\$102,676



# Capital Works Reserve (861)

## Projected Balances

	2025	2026	2027	2028	2029
Opening Balance	\$1,065,831	\$649,049	\$683,872	\$621,045	\$424,363
Add: Contributions to Reserve	18,218	109,823	131,918	173,481	151,979
Less: Transfers from Reserve	435,000	75,000	194,745	370,163	62,902
Ending Balance	\$649,049	\$683,872	\$621,045	\$424,363	\$513,440








# Capital Works Reserve (861)

## Projected Balances

	2030	2031	2032	2033	2034
Opening Balance	\$513,440	\$460,479	\$588,750	\$377,332	\$508,379
Add: Contributions to Reserve	179,289	149,712	125,339	276,685	153,315
Less: Transfers from Reserve	232,250	21,442	336,757	145,638	399,204
Ending Balance	\$460,479	\$588,750	\$377,332	\$508,379	\$262,489



# 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><b>Asset Management</b></p> <p>Fair &amp; sustainable water rates established for 2024 through rate review</p>	<p><b>Fully metered system</b></p> <p>Conservation user rate structure</p> <p>Reliable &amp; resilient infrastructure</p>	<p><b>Management of service by EASC</b></p>	<p><b>Close communication with K'omoks First Nation on relevant initiatives</b></p>	<p><b>Equitable access to water</b></p> <p>Consider applications from property owners for water system extension</p>



# Options & Recommendations

- That the proposed 2025-2029 financial plan for the Service 308 Union Bay Water Local Service Area be approved.





Questions?