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SPWC 24-03

**REPORT TO SAANICH PENINSULA WATER COMMISSION  
MEETING OF THURSDAY, OCTOBER 17, 2024**

**SUBJECT**    **Saanich Peninsula Water Service 2025 Operating and Capital Budget**

**ISSUE SUMMARY**

To provide an overview of the 2025 Saanich Peninsula Water Service operating and capital budget, highlighting the changes from the 2024 budget and the proposed 2025 budget figures. The report generally follows the sequence of information provided in the attached draft budget document (Appendix A).

**BACKGROUND**

The draft 2025 Saanich Peninsula Water Service budget has been prepared for the Saanich Peninsula Water 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. As in previous years, the draft 2025 budget has been prepared considering the CRD Board's 2025 service planning and financial expectations, which include identifying opportunities to realign or reallocate resources and seek potential efficiencies between departments and services, reviewing of service levels and adjustments related to regulatory compliance, and undertaking infrastructure improvements to maintain service levels across the service area. The following sets out the key components of the budget.

**2024 Year End Financial Projections**

The actual 2024 operating expense is projected to be \$130,600 under budget at year end. The actual bulk water purchase expense is estimated to be \$80,940 over budget at \$5,261,100, which is offset by the additional projected \$119,700 in water sales revenue. To balance the budget at year end, the proposed transfer to the capital reserve fund has been increased by \$100,565 to \$900,565.

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 (\$)	Projected Variance (%)
Distribution System operating expenditures	-\$130,613	-7.42%
Bulk water purchase cost	\$80,940	1.56%
Capital expenditures and transfers	\$183,625	21.6%
Debt servicing - principal and interest expenditures	-\$42,000	-41.18%
Revenue	\$91,952	1.20%

## **2025 Budget**

### **Operating Budget**

The 2025 operating budget reflects an increase in non-discretionary expenses related to anticipated wage/salary increases, corporate support service allocation increases, insurance costs, and other operating expense increases such as electricity costs. The net core 2025 operating budget increase is \$122,115. This represents a 6.94% increase from 2024.

The bulk water purchase expense, based on the proposed 2025 Regional Water Supply wholesale water rate and the 2025 Saanich Peninsula Water budget demand volume, has been set at \$5,523,840, an increase of \$343,680 over 2024.

### **Capital Budget**

There are several capital projects planned for 2025 with a total value of \$16,000,000, the majority of which is attributed to Capital Project No. 21-05, which is anticipated to proceed with construction of the Bear Hill Trunk Watermain extension project in 2025.

A five-year capital plan is presented for information. The value of the five-year (2025-2029) capital plan is currently \$22,144,000 including an on-going budget allowance for post-disaster water supply equipment and infrastructure improvements.

The Development Cost Charge (DCC) program represents \$677,460 of the five-year (2025-2029) capital plan, and reflects the projects included in the DCC program update. At year-end 2024, the DCC reserve fund balance is estimated to be \$2,145,815.

### **Capital and Debt Expenditures**

The planned transfer to the capital reserve fund in 2025 is \$600,000, a reduction of \$200,000 from the 2024 contribution. At year-end 2024, the capital reserve fund balance is estimated to be \$3,664,382 which is available to fund major capital projects.

A new loan authorization in the amount of \$12,900,000 was approved in 2021 to allow continued partial funding of the five-year capital plan. The debt servicing costs associated with this loan will begin in 2025.

The planned transfer to the equipment replacement fund in 2025 is \$100,000, an increase of \$50,000 from the 2024 contribution. At year-end 2024, the equipment replacement fund balance is estimated to be \$1,670,050, which is available to fund minor capital and operational equipment replacements including vehicles.

### **Water Demand**

Total water demand across the Saanich Peninsula Water Service area has generally continued to increase year over year primarily due to the continued rate of development and growth. This trend, combined with the warm summer season, is expected to result in actual demand exceeding budget demand in 2024. The 2024 year-end demand is projected to be 80,000 cubic meters over budget at 6,480,000 cubic meters.

The recommended 2025 water rate has been calculated using a budget demand of 6,400,000 cubic meters (Page 3 of Appendix A), which remains unchanged from the volume used in the 2024 budget.

Proposed 2024 Wholesale Water Rate

The proposed 2025 CRD Regional Water Supply wholesale water rate is \$0.8631 per cubic meter, a 6.63% increase over the 2024 rate, subject to the Regional Water Supply Commission's approval.

Proposed Agricultural Water Rate

The proposed 2025 agricultural rate was maintained at the 2024 rate of \$0.2105 per cubic meter, subject to the Regional Water supply Commission's approval. The Regional Water Supply agricultural water rate budget funds the difference between the municipal retail water rate and the CRD agricultural water rate. As directed by the Regional Water Supply Commission, Phase 1 of an agricultural water rate review and options study was conducted in undertaken in 2022/2023. A further study, Phase 2, is postponed to 2025 at the direction of the Regional Water Supply Commission, which will consider options for the rates structure that best reflect the agricultural value.

A summary of the agricultural water volumes and agricultural water rate payments for 2011 to 2023 is attached as Appendix C.

The Agricultural Research Station Rate has been set at \$1.2927 per cubic meter.

Proposed 2025 Bulk Water Rate

The proposed 2025 Saanich Peninsula Water Service bulk water rate is \$1.2575 per cubic meter, a 5% increase over the 2024 rate. The increase in annual bulk water cost for the average household using 239 cubic meters per year would be \$14.27.

Water Rate and Wholesale Water Rate History and Projection

The Saanich Peninsula Water rate and Regional Water Supply rate history and projection is attached as Appendix B. The rates may be adjusted in the future to reflect actual revenue and expenditure circumstances and water demand volumes.

**ALTERNATIVES**

*Alternative 1*

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

1. Approve the 2025 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2025 Saanich Peninsula Water Service bulk water rate of \$1.2575 per cubic meter, and the Agricultural Research Station water rate of \$1.2927 per cubic meter, adjusted, if necessary, by any changes in the Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund;
4. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
5. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

*Alternative 2*

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

1. Approve the 2025 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2025 Saanich Peninsula bulk water rate, and the Agricultural Research Station water rate as amended (amended rate), adjusted if necessary, by any changes in the Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund;
4. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and,
5. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

**IMPLICATIONS**

If the proposed budget is amended, the implications could vary depending on how the budget is amended and the impact on specific programs, 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.

**CONCLUSION**

The draft 2025 Saanich Peninsula Water Service budget is presented for the Saanich Peninsula Water Commission's consideration. The Commission will make budget recommendations to the Capital Regional District Board through the Committee of the Whole in October. The draft 2025 Saanich Peninsula Water Service budget was prepared considering the Capital Regional District Board's 2025 service planning and financial expectations. A proposed increase in operating and capital funding that includes an increase in the wholesale water costs from the Regional Water Supply Service, combined with an adjusted revenue budget, is resulting in a recommended bulk water rate of \$1.2575 per cubic meter, a 5% increase over the 2024 rate.

**RECOMMENDATION**

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

1. Approve the 2025 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2025 Saanich Peninsula Water Service bulk water rate of \$1.2575 per cubic meter, and the Agricultural Research Station water rate of \$1.2927 per cubic meter, adjusted if necessary, by any changes in the Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund;
4. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
5. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

Submitted by:	Alicia Fraser, P. Eng., General Manager, Integrated Water Services
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

**ATTACHMENT(S)**

Appendix A: Draft 2025 Saanich Peninsula Water Service Budget

Appendix B: Saanich Peninsula Water Rate and Regional Water Supply Rate History and Projection

Appendix C: Agricultural Water Volumes and Rate Payments 2011-2023

# **CAPITAL REGIONAL DISTRICT**

## **2025 BUDGET**

### **Saanich Peninsula Water Supply**

#### **COMMISSION REVIEW**

<b>Service:</b> 2.610	<b>Saanich Peninsula Water Supply</b>	<b>Committee:</b> Saanich Peninsula Water
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**DEFINITION:**

To purchase water and to acquire, design, construct, reconstruct, purchase, maintain and operate facilities and to acquire property easements, licences and authorities for the supply of water to Central Saanich, North Saanich, and Sidney, for distribution by the municipalities. Letters Patent, December 22, 1976; revised Sept. 27, 1984. Amended SLP April 27, 1978 and March 19, 1986.

**SERVICE DESCRIPTION:**

This service provides for the purchase of bulk water for supply to Central Saanich, North Saanich, and Sidney, for distribution within their municipalities. Included in the program is the responsibility to provide design, construction, operation and maintenance, licenses, and water quality monitoring to the service area.

**PARTICIPATION:**

Central Saanich / North Saanich / Sidney

**MAXIMUM LEVY:**

**MAXIMUM CAPITAL DEBT:**

As established by Inspector of Municipalities.

**COMMISSION:**

Saanich Peninsula Water Commission established by Letters Patent to advise the Board with respect to this function.

**FUNDING:**

Costs are recovered through the sale of bulk water.

**CAPITAL DEBT:**

Authorized:	\$12,900,000 2021 - (MFA Bylaw No. 4411 - Saanich Peninsula Water Supply Water Works)
Borrowed:	\$0
Remaining:	\$12,900,000

**APPENDIX A**

CAPITAL REGIONAL DISTRICT

Program Group: CRD-Saanich Peninsula Water Supply	2025 BUDGET REQUEST						FUTURE PROJECTIONS			
	2024 BOARD BUDGET 2	2024 ESTIMATED ACTUAL 3	2025 CORE BUDGET 4	2025 ONGOING 5	2025 ONE-TIME 6	TOTAL (COL 4, 5 & 6) 7	2026 8	2027 9	2028 10	2029 11
<b>SUMMARY</b>										
1										
<b>OPERATING EXPENDITURES:</b>										
ALLOCATION - OPERATIONS	1,171,082	1,045,952	1,224,190	-	-	1,224,190	1,248,690	1,273,685	1,299,173	1,325,173
UTILITIES	231,205	224,100	238,150	-	-	238,150	242,191	247,035	251,976	257,016
OPERATING - OTHER COSTS	189,748	191,370	213,660	-	-	213,660	220,841	230,725	241,353	252,793
ALLOCATION - STANDARD OVERHEAD	168,071	168,071	206,221	-	-	206,221	212,287	216,656	221,117	225,670
<b>TOTAL OPERATING EXPENDITURES</b>	<b>1,760,106</b>	<b>1,629,493</b>	<b>1,882,221</b>	<b>-</b>	<b>-</b>	<b>1,882,221</b>	<b>1,924,009</b>	<b>1,968,101</b>	<b>2,013,619</b>	<b>2,060,652</b>
*Percentage increase over prior year board budget			6.94%			6.94%	2.22%	2.29%	2.31%	2.34%
<b>TOTAL BULK WATER EXPENDITURES</b>	<b>5,180,160</b>	<b>5,261,100</b>	<b>5,523,840</b>	<b>-</b>	<b>-</b>	<b>5,523,840</b>	<b>6,089,445</b>	<b>6,998,550</b>	<b>7,885,545</b>	<b>8,853,240</b>
<b>CAPITAL EXPENDITURES &amp; TRANSFERS</b>										
TRANSFER TO CAPITAL RESERVE FUND	800,000	983,625	600,000	-	-	600,000	400,000	400,000	400,000	400,000
TRANSFER TO EQUIPMENT REPLACEMENT FUND	50,000	50,000	100,000	-	-	100,000	150,000	150,000	200,000	200,000
<b>TOTAL CAPITAL EXPENDITURES &amp; TRANSFERS</b>	<b>850,000</b>	<b>1,033,625</b>	<b>700,000</b>	<b>-</b>	<b>-</b>	<b>700,000</b>	<b>550,000</b>	<b>550,000</b>	<b>600,000</b>	<b>600,000</b>
<b>DEBT SERVICING</b>										
DEBT-INTEREST & PRINCIPAL	102,000	-	219,300	-	-	219,300	1,210,343	1,210,343	1,210,343	1,210,343
<b>TOTAL DEBT EXPENDITURES</b>	<b>102,000</b>	<b>-</b>	<b>219,300</b>	<b>-</b>	<b>-</b>	<b>219,300</b>	<b>1,210,343</b>	<b>1,210,343</b>	<b>1,210,343</b>	<b>1,210,343</b>
<b>TOTAL EXPENDITURES</b>	<b>7,892,266</b>	<b>7,924,218</b>	<b>8,325,361</b>	<b>-</b>	<b>-</b>	<b>8,325,361</b>	<b>9,773,797</b>	<b>10,726,994</b>	<b>11,709,507</b>	<b>12,724,235</b>
<b>SOURCES OF FUNDING-OPERATIONS</b>										
REVENUE - WATER SALES	(7,665,966)	(7,785,700)	(8,048,251)	-	-	(8,048,251)	(9,622,841)	(10,573,135)	(11,552,686)	(12,564,394)
REVENUE - OTHER	(226,300)	(138,518)	(277,110)	-	-	(277,110)	(150,956)	(153,859)	(156,821)	(159,841)
<b>TOTAL SOURCES OF FUNDING FROM OPERATIONS</b>	<b>(7,892,266)</b>	<b>(7,924,218)</b>	<b>(8,325,361)</b>	<b>-</b>	<b>-</b>	<b>(8,325,361)</b>	<b>(9,773,797)</b>	<b>(10,726,994)</b>	<b>(11,709,507)</b>	<b>(12,724,235)</b>
<b>SOURCES OF FUNDING-REQUISITION</b>										
PROPERTY TAX REQUISITION FOR DEBT	-	-	-	-	-	-	-	-	-	-
<b>TOTAL REQUISITION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
TRANSFER FROM PRIOR YEAR	-	-	-	-	-	-	-	-	-	-
TRANSFER TO FOLLOWING YEAR	-	-	-	-	-	-	-	-	-	-
<b>TOTAL CARRY FORWARD (SURPLUS)/ DEFICIT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL SOURCES OF ALL FUNDING</b>	<b>(7,892,266)</b>	<b>(7,924,218)</b>	<b>(8,325,361)</b>	<b>-</b>	<b>-</b>	<b>(8,325,361)</b>	<b>(9,773,797)</b>	<b>(10,726,994)</b>	<b>(11,709,507)</b>	<b>(12,724,235)</b>
Percentage increase over prior year's board budget			5.49%			5.49%	17.40%	9.75%	9.16%	8.67%
Water Rate \$ per cu. m.	\$ 1.1978					\$ 1.2575				
Percentage increase	4.71%					4.99%				



# SAANICH PENINSULA WATER SUPPLY

## 2025 Demand Estimate

### Retail Demand

Years	Actual Demand cu.metre	Budgeted Demand cu.metre	
2019	6,928,173	6,500,000	
2020	6,860,322	6,800,000	
2021	7,556,244	6,800,000	
2022	7,239,389	6,900,000	
2023	7,422,128	6,335,000	**
2024	6,480,000	6,400,000	*
	<b>6,400,000</b>		

### 2025 Demand Estimate

\* Projected consumption for 2024

\*\* 2023 Demand estimate reduction reflects First Nations becoming wholesale customers of Regional Water Supply

## SAANICH PENINSULA WATER SUPPLY

### Summary of Supply Water Rates to Participating Municipalities

	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Change</u>	<u>% change</u>
<b>Retail (direct) water rate</b>							
Sannich Peninsula Retail cost per cu.m.	\$1.0536	\$1.0886	\$1.1439	\$1.1978	\$1.2575	\$0.0597	5.0%
Agricultural Research Station cost per cu.m.	\$1.0888	\$1.1238	\$1.1791	\$1.2330	\$1.2927	\$0.0597	4.8%

### Summary of Bulk Water Purchase Rates from Regional Water Supply

	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Change</u>	<u>% change</u>
<b>CRD Bulk water purchase cost per cu.m.</b>	\$0.7148	\$0.7332	\$0.7698	\$0.8094	\$0.8631	\$0.0537	6.63%

# SAANICH PENINSULA WATER SUPPLY

## Summary of Supply Water Rates to Participating Municipalities

	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Change</u>	<u>% change</u>
<b>Retail (direct) water rate</b>							
Unit cost per cu.m.	\$ 1.0536	\$ 1.0886	\$ 1.1439	\$ 1.1978	1.2575	\$ 0.0597	4.98%

### Retail Water Rate Increase Impact on Participating Municipalities Water Bill

Average consumption \*: 239.0 cubic meters

<u>Charge for Twelve Months Consumption</u>	<u>Year</u>	<u>Annual charge</u>	<u>2025 Annual Change \$</u>
Average Consumption	2024	\$ 286.27	
	2025	\$ 300.54	\$ 14.27
Half Average Consumption	2024	\$ 143.14	
	2025	\$ 150.27	\$ 7.13
Twice Average Consumption	2024	\$ 572.55	
	2025	\$ 601.09	\$ 28.55

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

<b>Change in Budget 2024 to 2025</b>		
<b>Service: 2.610 Saanich Peninsula Water Supply</b>	<b>Total Expenditure</b>	<b>Comments</b>
<b>2024 Budget</b>	<b>7,892,266</b>	
<b>Change in Labour:</b>		
	52,300	Labour charges (salaries and overhead)
Total Change in Labour	52,300	
<b>Other Changes:</b>		
Bulk Water Purchase	343,680	
Principal and Interest Costs	117,700	
Transfers to ERF	50,000	
Asset and Maintenance Management	24,210	
Insurance Costs	19,000	
Standard Overhead Allocation	13,900	
Electricity	7,000	
Transfer to Capital Reserve	(200,000)	
Other Costs	5,305	
Total Other Changes	380,795	
<b>2025 Budget</b>	<b>8,325,361</b>	
Summary of % Expense Increase		
Additional cost due to increased bulk water rate	4.4%	
Principal and Interest costs	1.5%	
Balance of increase	-0.4%	
% expense increase from 2022:	<b>5.5%</b>	

**Overall 2024 Budget Performance**  
(expected variance to budget and surplus treatment)

*Favourable water sales variance of \$120,000 (2%) due to higher than budgeted water demand largely a result of dry summer weather. This additional revenue will be used to offset bulk water purchase overages. Labour cost savings of \$125,000 and Debt Service Cost savings of \$42,000 contribute further towards a net surplus of \$180,000, which will be transferred to the Capital Reserve Fund.*

CAPITAL REGIONAL DISTRICT  
 FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2025 to 2029

<b>Service No.</b>	<b>2.610</b>	<b>Carry Forward from 2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>TOTAL</b>
	<b>Saanich Peninsula Water Supply</b>							

**EXPENDITURE**

Buildings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$690,000	\$490,000	\$300,000	\$300,000	\$300,000	\$100,000	\$1,490,000	\$1,490,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineered Structures	\$2,665,000	\$15,510,000	\$1,569,000	\$1,950,000	\$1,100,000	\$525,000	\$20,654,000	\$20,654,000
Vehicles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>\$3,355,000</b>	<b>\$16,000,000</b>	<b>\$1,869,000</b>	<b>\$2,250,000</b>	<b>\$1,400,000</b>	<b>\$625,000</b>	<b>\$22,144,000</b>	<b>\$22,144,000</b>

**SOURCE OF FUNDS**

Capital Funds on Hand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debenture Debt (New Debt Only)	\$0	\$12,900,000	\$0	\$0	\$0	\$0	\$12,900,000	\$12,900,000
Equipment Replacement Fund	\$40,000	\$240,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,040,000	\$1,040,000
Grants (Federal, Provincial)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Donations / Third Party Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Fund	\$3,315,000	\$2,860,000	\$1,669,000	\$2,050,000	\$1,200,000	\$425,000	\$8,204,000	\$8,204,000
	<b>\$3,355,000</b>	<b>\$16,000,000</b>	<b>\$1,869,000</b>	<b>\$2,250,000</b>	<b>\$1,400,000</b>	<b>\$625,000</b>	<b>\$22,144,000</b>	<b>\$22,144,000</b>

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2025 - 2029

Service #: 2.610  
 Service Name: Saanich Peninsula 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 2024	2025	2026	2027	2028	2029	5 - Year Total
<b>SYSTEM UPGRADES AND REPLACEMENTS</b>													
18-04	New	Post Disaster Emergency Water Supply	Identify and procure emergency systems for post disaster preparedness	\$ 1,645,000	S	Res	\$ 140,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
20-02	New	Hamsterly Pump Station Backup Power Generator	Addition of a backup power generator at the Hamsterly Pump Station	\$ 1,100,000	S	Res	\$ 990,000	\$ -	\$ 190,000	\$ 800,000	\$ -	\$ -	\$ 990,000
21-01	New	Level of Service Agreement	Determine and develop appropriate level of service agreements with the participating municipalities for water supply.	\$ 75,000	S	Res	\$ 75,000	\$ 25,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 75,000
21-04	Renewal	SCADA Upgrades	SCADA upgrades and planning in conjunction with the Juan de Fuca Water Distribution, Saanich Peninsula Water and Wastewater, and Core Area Wastewater Services.	\$ 1,150,000	E	Res	\$ 500,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 100,000	\$ 900,000
21-05	Renewal	SPW System Upgrade and Expansion	Upgrade vulnerable sections of the SPWS system to a more resilient system and increase operational flexibility.	\$ 14,700,000	S	Res	\$ 800,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000
21-05	Renewal				S	Debt	\$ -	\$ 12,900,000	\$ -	\$ -	\$ -	\$ -	\$ 12,900,000
22-01	Study	Water Strategic Plan Update	Update the strategic plan to inform future works and identify hydraulic deficiencies.	\$ 116,972	S	Res	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
22-02	New	Microwave Radio Upgrades	To provide a high bandwidth communications backbone to the SPW/SPWW systems, a microwave communications system will be installed.	\$ 550,000	E	Res	\$ 150,000	\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 550,000
23-01	Study	DCC Program Update	5-year update of the DCC program.	\$ 500	S	Res	\$ 500	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
23-04	Renewal	RTU & PLC Upgrade and Replacement	Upgrade RTU programming within the SPWS service, upgrade the PLC at the Deep Cove pump station, and upgrade the telecommunications from the Hamsterly PS.	\$ 140,000	E	ERF	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
25-01	New	Hamsterly Pump Station Capacity Upgrade	Increase the capacity of the Hamsterly Pump Station to address increased water demand. This is the service's contribution to the DCC project.	\$ 6,040	S	Res	\$ -	\$ -	\$ 6,040	\$ -	\$ -	\$ -	\$ 6,040
24-01	Decommission	Dean Park Road Well Decommissioning	Decommissioning of a groundwater well(s) on Dean Park Road.	\$ 250,000	S	Res	\$ 30,000	\$ 130,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 230,000
24-02	New	Reservoir Seismic Isolation Valves	Addition of seismic isolation valves at various Saanich Peninsula tanks.	\$ 800,000	S	Res	\$ 200,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
26-01	Decommission	Decommissioning of Various Sites/Components	Various existing facilities within SPWS have redundant valves and piping that require removal.	\$ 150,000	S	Res	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 150,000
25-02	Study	Asset Management Plan	Update the asset management plan with recent study information.	\$ 300,000	S	Res	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
25-03	Study	Operational Optimization Review	Review the SPWS system from an operational perspective to investigate operational efficiencies and improvements.	\$ 200,000	S	Res	\$ -	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 200,000
25-04	Study	Cloake Hill/Deep Cove Hydraulic Assessment	Detailed analysis of Cloake Hill Tank and Deep Cove Pump Station. Driven by the 2021 heat dome event and results of the DCC program and Strategic Plan Update	\$ 100,000	S	Res	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
27-01	Replacement	Cloake Hill/Deep Cove Upgrades	Potential Construction Upgrades	\$ 1,000,000	S	Res	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ 1,000,000
25-05	Renewal	Asset Capital Improvement/Replacement Program	Ongoing program to continually address multiple, small to mid-scale capital improvements to the Saanich Peninsula Water System.	\$ 1,500,000	S	Res	\$ -	\$ 75,000	\$ 175,000	\$ 200,000	\$ 200,000	\$ 175,000	\$ 825,000
<b>Sub-Total System Upgrades and Replacements</b>				<b>\$ 23,783,512</b>			<b>\$ 3,275,500</b>	<b>\$ 15,720,500</b>	<b>\$ 1,071,040</b>	<b>\$ 2,050,000</b>	<b>\$ 1,200,000</b>	<b>\$ 425,000</b>	<b>\$ 20,466,540</b>
<b>ANNUAL PROVISIONAL ITEMS</b>													
24-03	Renewal	Pump Station, Meter Station, Valve Repair, Transmission Main & Storage Tank Repairs, Replacements and decommissioning.	Planned and unplanned infrastructure and equipment renewal.	\$ 1,200,000	S	ERF	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
<b>Sub-Total Annual Provisional Items</b>				<b>\$ 1,200,000</b>			<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 1,000,000</b>
<b>DEVELOPMENT COST CHARGE (DCC) PROGRAM</b>													
22-01	Study	Water Strategic Plan Update	Update the strategic plan to inform future works and identify hydraulic deficiencies.	\$ 33,028	S	Res	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
23-01	Study	DCC Program Update	5-year update of the DCC program.	\$ 49,500	S	Res	\$ 49,500	\$ 49,500	\$ -	\$ -	\$ -	\$ -	\$ 49,500
25-01	New	Hamsterly Pump Station Capacity Upgrade	Increase the capacity of the Hamsterly Pump Station to address increased water demand.	\$ 597,960	S	Res	\$ -	\$ -	\$ 597,960	\$ -	\$ -	\$ -	\$ 597,960
<b>Sub-Total Development Cost Charge (DCC) Program</b>				<b>\$ 680,488</b>			<b>\$ 79,500</b>	<b>\$ 79,500</b>	<b>\$ 597,960</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 677,460</b>
<b>GRAND TOTAL</b>				<b>\$ 25,664,000</b>			<b>\$ 3,355,000</b>	<b>\$ 16,000,000</b>	<b>\$ 1,869,000</b>	<b>\$ 2,250,000</b>	<b>\$ 1,400,000</b>	<b>\$ 625,000</b>	<b>\$ 22,144,000</b>

Service: **2.610** **Saanich Peninsula Water Supply**

<b>Project Number</b>	18-04	<b>Capital Project Title</b>	Post Disaster Emergency Water Supply	<b>Capital Project Description</b>	Identify and procure emergency systems for post disaster preparedness
<b>Project Rationale</b>	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. Initial investigation has highlighted areas, such as having hardened hydrants/standpipes that the CRD should be investing in. Additional funds are required to start implementing these additional works.				

<b>Project Number</b>	20-02	<b>Capital Project Title</b>	Hamsterly Pump Station Backup Power Generator	<b>Capital Project Description</b>	Addition of a backup power generator at the Hamsterly Pump Station
<b>Project Rationale</b>	Addition of a backup power generator at the Hamsterly Pump Station. Project is temporary being deferred due to market escalation and considerations for combining with future Capacity upgrades.				

<b>Project Number</b>	21-01	<b>Capital Project Title</b>	Level of Service Agreement	<b>Capital Project Description</b>	Determine and develop appropriate level of service agreements with the participating municipalities for water supply.
<b>Project Rationale</b>	Determine and develop appropriate level of service agreements with the participating municipalities for water supply.				

<b>Project Number</b>	21-04	<b>Capital Project Title</b>	SCADA Upgrades	<b>Capital Project Description</b>	SCADA upgrades and planning in conjunction with the Juan de Fuca Water Distribution, Saanich Peninsula Water and Wastewater, and Core Area Wastewater Services.
<b>Project Rationale</b>	The existing SCADA system is nearing end of life for equipment. The SCADA system provides vital operational monitoring and control information for the Saanich Peninsula Water System. Additionally, the Juan de Fuca Water Distribution, Saanich Peninsula Wastewater, Regional Water System, and Core Area Wastewater services require similar upgrades and integration. This project will be carried out with the other services so that an fully integrated system can be implemented.				

<b>Service:</b> 2.610 Saanich Peninsula Water Supply					
<b>Project Number</b>	21-05	<b>Capital Project Title</b>	SPW System Upgrade and Expansion	<b>Capital Project Description</b>	Upgrade vulnerable sections of the SPWS system to a more resilient system and increase operational flexibility.
<b>Project Rationale</b>	This project is for expansion and replacement of watermains and appurtenances within the Saanich Peninsula Water Supply system for infrastructure renewal and improved resiliency. Funds are required for detailed design and construction of the Bear Hill Trunk extension section of transmission main from Mt Newton to the Dean Park Lower tank along East Saanich Road, preliminary design of the transmission main from McTavish Tank to Mills Road, and preliminary design of the Dean Park Feeder Main between Dean Lower and Dean Middle Tanks. Additional funding will be required to complete construction of all three project components but the design delivery and construction of the Bear Hill Trunk component are being delivered in partner with similar projects in the RWS system.				
<b>Project Number</b>	22-01	<b>Capital Project Title</b>	Water Strategic Plan Update	<b>Capital Project Description</b>	Update the strategic plan to inform future works and identify hydraulic deficiencies.
<b>Project Rationale</b>	A water distribution system changes with development demand. A periodic update of the strategic plan to identify hydraulic deficiencies and inform future works is periodically required to ensure the level of service.				
<b>Project Number</b>	22-02	<b>Capital Project Title</b>	Microwave Radio Upgrades	<b>Capital Project Description</b>	To provide a high bandwidth communications backbone to the SPW/SPWW systems, a microwave communications system will be installed.
<b>Project Rationale</b>	Multiple facilities throughout the CRD RWS system require additional bandwidth to allow for proper monitoring and control. This project will enable the initial design and preliminary installation of a high bandwidth microwave backbone that will be able to be leveraged by multiple CRD operational groups. The installation of this backbone will be coordinated with the other IWS service areas.				
<b>Project Number</b>	25-01	<b>Capital Project Title</b>	Hamsterly Pump Station Capacity Upgrade	<b>Capital Project Description</b>	Increase the capacity of the Hamsterly Pump Station to address increased water demand. This is the service's contribution to the DCC project.
<b>Project Rationale</b>	In the 2018 KWL DCC Update report, the Hamsterly Pump Station was identified to require addition of a third pump to meet increased water demand. Increase the capacity of the Hamsterly Pump Station to address increased water demand. This project will be reassessed in the subsequent DCC update prior to progressing.				



**Service:** 2.610 Saanich Peninsula Water Supply

**Project Number** 24-01 **Capital Project Title** Dean Park Road Well Decommissioning **Capital Project Description** Decommissioning of a groundwater well(s) on Dean Park Road.

**Project Rationale** Decommissioning of a former groundwater well at 1557 Dean Park Road. Initial decommissioning may only including well sealing for compliance with provincial regulations but eventually the electrical and concrete structure will also need to be decommissioned.

**Project Number** 24-02 **Capital Project Title** Reservoir Seismic Isolation Valves **Capital Project Description** Addition of seismic isolation valves at various Saanich Peninsula tanks.

**Project Rationale** Seismic valve upgrades at Cloake Hill, Bear Hill, Dawson and Lower Dean Tanks.

**Project Number** 26-01 **Capital Project Title** Decommissioning of Various Sites/Components **Capital Project Description** Various existing facilities within SPWS have redundant valves and piping that require removal.

**Project Rationale** Various decommissioning of old assets that are no longer required in the system.

**Project Number** 25-02 **Capital Project Title** Asset Management Plan **Capital Project Description** Update the asset management plan with recent study information.

**Project Rationale** Update the strategic asset management plan based upon recent studies such as the DCC Program Update. The update will inform future capital works.

<b>Service:</b> 2.610 Saanich Peninsula Water Supply					
<b>Project Number</b>	25-03	<b>Capital Project Title</b>	Operational Optimization Review	<b>Capital Project Description</b>	Review the SPWS system from an operational perspective to investigate operational efficiencies and improvements.
<b>Project Rationale</b>	Engineering and Operations coordination and assessment of the SPWS system to better document operational procedures and assess opportunities for improvement.				
<b>Project Number</b>	25-04	<b>Capital Project Title</b>	Cloake Hill/Deep Cove Hydraulic Assessment	<b>Capital Project Description</b>	Detailed analysis of Cloake Hill Tank and Deep Cove Pump Station. Driven by the 2021 heat dome event and results of the DCC program and Strategic Plan Update
<b>Project Rationale</b>	Detailed analysis of Cloake Hill Tank and Deep Cove Pump Station. Driven by the 2021 heat dome event and results of the DCC program and Strategic Plan Update.				
<b>Project Number</b>	27-01	<b>Capital Project Title</b>	Cloake Hill/Deep Cove Upgrades	<b>Capital Project Description</b>	Potential Construction Upgrades
<b>Project Rationale</b>	Potential upgrades to be further scoped following completion of the Assessment in Project #25-04.				
<b>Project Number</b>	25-05	<b>Capital Project Title</b>	Asset Capital Improvement/Replacement Program	<b>Capital Project Description</b>	Ongoing program to continually address multiple, small to mid-scale capital improvements to the Saanich Peninsula Water System.
<b>Project Rationale</b>	This program will fund items such as replacement of valves (line, air, check, PRV, etc), replacement and addition of instrumentation, decommissioning infrastructure and other mid sized improvements. This program will primarily address items that are more complex than can be delivered under the Annual Provisional account (24-03) but will comprise of smaller projects than those listed in the SPW System Upgrade and Expansion Program (21-05). Budget forecasts will be further influenced by asset management plans and operational coordination.				
<b>Project Number</b>	24-03	<b>Capital Project Title</b>	Pump Station, Meter Station, Valve Repair, Transmission Main & Storage Tank Repairs, Replacements and decommissioning.	<b>Capital Project Description</b>	Planned and unplanned infrastructure and equipment renewal.
<b>Project Rationale</b>	Annual Provisional Account to address planned and unplanned infrastructure and equipment renewals.				

**2.610 Saanich Peninsula Water  
Summary Schedule  
2025 - 2029 Financial Plan**

**Asset Profile**

**Saanich Peninsula Water**

One of the 16 CRD drinking water systems across the region, Saanich Peninsula Water Supply obtains treated drinking water from the Regional Water Supply System and is responsible for the bulk trunk water supply systems for Central Saanich, Sidney & North Saanich. Assets include land, 46 kilometres of water supply mains, nine balancing reservoirs, nine pumping stations, two pressure reducing stations, nine supply meters and two rechlorination stations.

**Reserve/Fund Summary**

	Estimated	Budget				
	2024	2025	2026	2027	2028	2029
DCC Reserve Account	2,145,815	1,547,855	1,547,855	1,547,855	1,547,855	1,547,855
Equipment Replacement Fund	1,670,050	1,570,050	1,520,050	1,470,050	1,470,050	1,470,050
Capital Reserve	3,664,382	4,264,382	2,995,382	1,345,382	545,382	520,382
<b>Total</b>	<b>7,480,247</b>	<b>7,382,287</b>	<b>6,063,287</b>	<b>4,363,287</b>	<b>3,563,287</b>	<b>3,538,287</b>

2.610 Saanich Peninsula Water  
Development Cost Charges  
2025 - 2029 Financial Plan

Development Cost Charges Reserve Schedule

Reserve Fund: Saanich Peninsula Water Development Cost Charges (Bylaw # 3208)

Fund: 1009 Fund Center: 101353- DCC Water System only	Estimated	Budget				
	2024	2025	2026	2027	2028	2029
Beginning Balance	2,100,815	2,145,815	1,547,855	1,547,855	1,547,855	1,547,855
Transfers to Reserve	-					
Transfers from Reserve based on DCC-capital plan	-	(597,960)		-		-
DCC's received from Member Municipalities						
Interest Income*	45,000					
<b>Ending Balance \$</b>	<b>2,145,815</b>	<b>1,547,855</b>	<b>1,547,855</b>	<b>1,547,855</b>	<b>1,547,855</b>	<b>1,547,855</b>

General Comments:

Saanich Peninsula Water Development Cost Charges (DCC's) was adopted in 2005 for the purpose of providing funds to assist with the capital costs of providing, constructing, altering or expanding the Districts water & wastewater systems that services the Member Municipalites.

The above cash flow only reflects DCC Reserve information for Water System only (Wastewater's information will be provided in the Wastewater budgets). These Reserve funds are received from member municipalities as Development Cost Charges (DCC's) to provide for the capital costs of water capacity system improvements within the service areas.

In December 2018 the bylaw was ammended to remove Development Cost Charges on new projects to recognize that the fund's balance exceeded the total of current development projects.

\* 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.

2.610 Saanich Peninsula Water  
 Equipment Replacement Reserve Schedule  
 2025 - 2029 Financial Plan

**Equipment Replacement Reserve Schedule**

**Reserve Fund:** Saanich Peninsula Water-Equipment Replacement Reserve (covered by CRD-ERF Bylaw)

Fund: 1022 Fund Center: 101452	Estimated	Budget				
	2024	2025	2026	2027	2028	2029
Beginning Balance	1,807,050	1,670,050	1,570,050	1,520,050	1,470,050	1,470,050
Equipment purchases (Based on Capital Plan)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)
Transfer from Operating Budget	50,000	100,000	150,000	150,000	200,000	200,000
Interest Income*	13,000					
<b>Ending Balance \$</b>	<b>1,670,050</b>	<b>1,570,050</b>	<b>1,520,050</b>	<b>1,470,050</b>	<b>1,470,050</b>	<b>1,470,050</b>

General Comments: The fund is used to replace water system infrastructure throughout the system as failing components are identified and not funded through operating budgets.

\* 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.

2.610 Saanich Peninsula Water  
 Capital Reserve Fund  
 2025 - 2029 Financial Plan

**Capital Reserve Fund Schedule**

**Reserve Fund:** Saanich Peninsula Water Capital Reserve Fund ( Bylaw #1397)

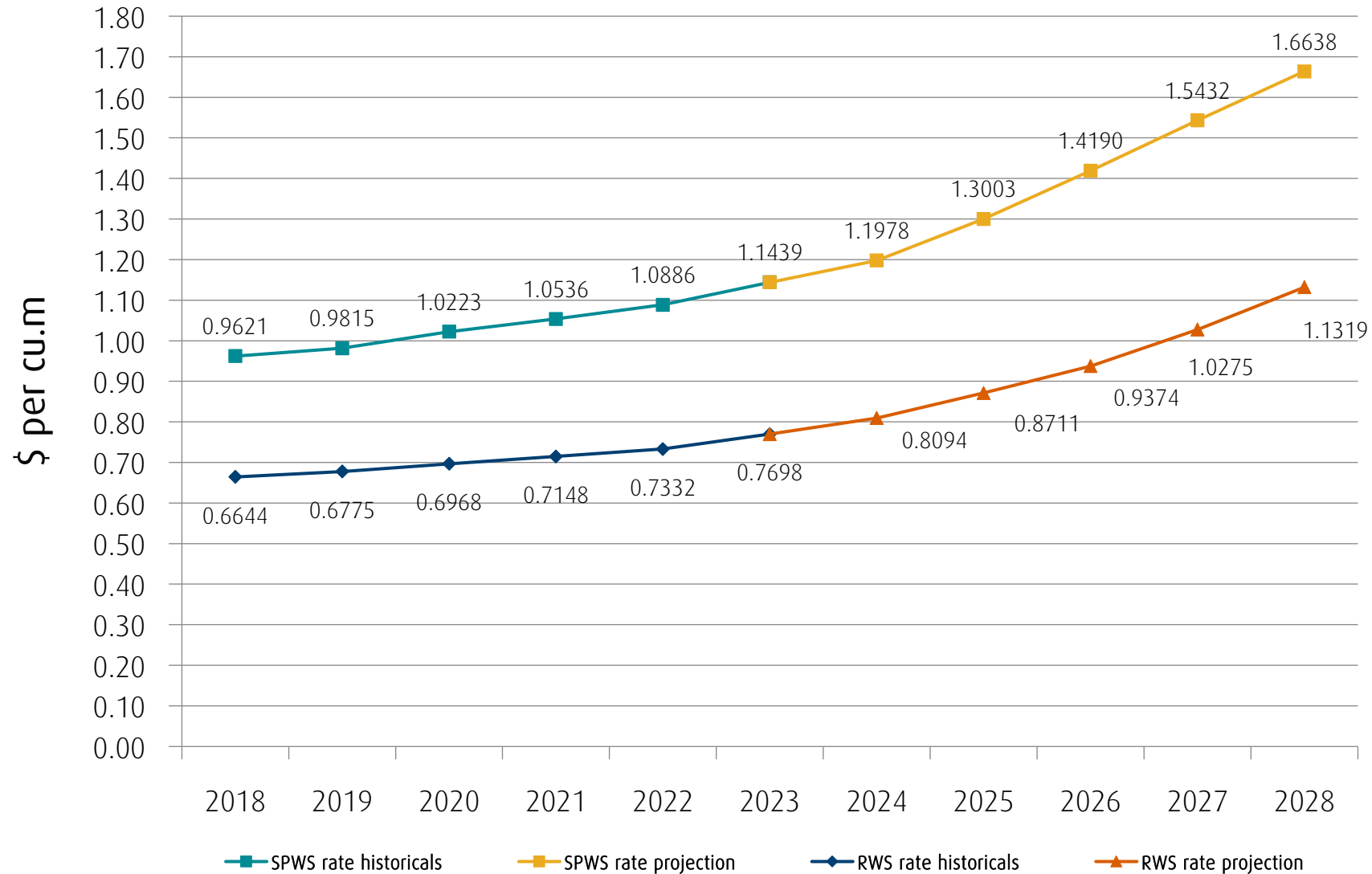
Fund: 1009 Fund Center: 102159	Estimated	Budget				
	2024	2025	2026	2027	2028	2029
<b>Beginning Balance</b>	3,724,382	3,664,382	4,264,382	2,995,382	1,345,382	545,382
<b>Transfers from Reserve based on capital plan</b>	(950,000)	-	(1,669,000)	(2,050,000)	(1,200,000)	(425,000)
<b>Transfer from Capital Reserve (Unspent)</b>	-	-	-	-	-	-
<b>Transfer from Other (MFA etc.)</b>	-	-	-	-	-	-
Transfer unspent capital funds from LA funds						
<b>Transfer from Operating Budget</b>	800,000	600,000	400,000	400,000	400,000	400,000
<b>Interest Income*</b>	90,000					
<b>Ending Balance \$</b>	<b>3,664,382</b>	<b>4,264,382</b>	<b>2,995,382</b>	<b>1,345,382</b>	<b>545,382</b>	<b>520,382</b>

General Comments:  
 Saanich Peninsula Water Capital Reserve Fund was adopted in 1985 for the purpose of capital payments including planning, engineering and legal costs for providing, latering or expanding water system infrastructure related to the Saanich Peninsula Water Supply System.

The fund is used for the purpose of funding the Service Capital infrastructure related directly or indirectly to water facilities, (excluding DCC) capital expenditures.

\* 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.

## Saanich Peninsula Water Rate and Regional Water Supply Rate, History and Projection



REGIONAL WATER SUPPLY COMMISSION  
Agricultural Water Rate Funding Comparisons 2011 - 2023

	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	Agri Rate m3	Muni-CRD Diff m3
												A	B	A - B
<b>Western Communities &amp; Sooke *</b>														
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	66	14	36,598	50,277	428	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
<b>Central Saanich</b>														
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
<b>North Saanich **</b>														
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	95,030	62,020	620	6,335	\$ 201,370	\$ -	\$ 201,370	\$ 1,847	13.5%	\$ 1,5240	\$ 0.2105	\$ 1,3155
2018	100	16	97,574	70,726	876	4,420	\$ 220,982	\$ -	\$ 220,982	\$ 1,905	15.2%	\$ 1,5240	\$ 0.2105	\$ 1,3155
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
<b>Saanich</b>														
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	177,653	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
<b>Totals</b>														
2023	531	138	691,154	634,635	1,302	4,599	\$ 2,188,937	\$ 16,904	\$ 2,205,842	\$ 3,297	99%			
2022	535	142	531,946	553,982	994	3,901	\$ 1,690,553	\$ 18,380	\$ 1,708,933	\$ 2,524	99%			
2021	540	139	633,419	656,080	1,173	4,720	\$ 1,979,806	\$ 18,100	\$ 1,997,906	\$ 2,942	99%			
2020	532	133	515,927	537,228	870	4,039	\$ 1,553,594	\$ 17,635	\$ 1,571,229	\$ 2,363	99%			
2019	524	127	553,766	496,318	1,057	3,908	\$ 1,476,533	\$ 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	517,304	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.





**REPORT TO SAANICH PENINSULA WASTEWATER COMMISSION  
MEETING OF THURSDAY, OCTOBER 17, 2024**

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**SUBJECT    Saanich Peninsula Wastewater Service 2025 Operating and Capital Budget**

**ISSUE SUMMARY**

To provide an overview of the 2025 Saanich Peninsula Wastewater Service (SPWW) operating and capital budget, highlighting the variances from the 2024 budget and the proposed 2025 budget figures. The report generally follows the sequence of information provided in the attached draft budget document (Appendix A).

**BACKGROUND**

The draft 2025 SPWW Service budget has been prepared for the Saanich Peninsula Wastewater Commission's (the Commission) consideration. The Commission will make budget recommendations to the Capital Regional District (CRD) Board through the Committee of the Whole in October. As in previous years, the draft 2025 budget has been prepared considering the CRD Board's 2025 service planning and financial expectations, which include identifying opportunities to realign or reallocate resources and seek potential efficiencies between departments and services, reviewing of service levels and adjustments related to regulatory compliance, and undertaking infrastructure improvements to maintain service levels across the service area. The following sets out the key components of the budget.

**2024 Year End Financial Projections**

The estimated 2024 operating costs are projected to be \$3,755,161, which is under budget by \$252,572. Of this surplus, \$201,670 is attributed to lower labor consumption and reduced repair maintenance costs. The remaining \$50,902 is primarily due to savings from biosolids management cost, along with some minor savings from standard overhead and laboratory.

Due to reduced repair and maintenance expenses, the transfer from operating funds will also decrease by \$80,000.

In addition, revenue from the Panorama Recreation Center District Energy System (DES) exceeded the budget by \$21,200. The net effect of these revenue and expenditure variances results in a year-end surplus of \$193,771, which will be equally allocated between two funds: the Operating Reserve Fund and the Capital Reserve Fund.

**2025 Budget**

**Operating Budget**

The 2025 combined operations and reserve budget is \$5,115,006, which represents a 2.42% increase over the 2024 budget.

The 2025 operating budget reflects an increase in non-discretionary expenses such as anticipated wage/salary increases, departmental support service allocations, and other operating expenses such as Provincial discharge fees, equipment repairs, electricity costs, and chemical costs.

The budget captures the interest expenses (\$68,250) associated with the \$3 million long-term borrowing planned for capital projects in 2025 and the one-time allocation of \$20,000 for cyclical maintenance expenses, covering Heat Exchanger Dismantle and Cleaning that would be considered over and above routine maintenance. These cyclical maintenance expenses are funded through a transfer from the Operating Reserve Fund.

### 2025 Capital Budget

There are several projects planned for 2025 with a total value of \$5,525,000 including \$50,000 to review the Development Cost Charges (DCC) program. The 2025 capital program consists of projects related to replacement of equipment that is at the end of its service life and projects required to address operational issues, projects include:

- Odour control upgrades at the wastewater treatment plant
- Replacement of pumps at Keating pumpstation
- Electrical and controls related upgrades

The 2025 capital program is funded from existing reserve funds: \$100,000 from the Capital Reserve and \$230,000 from the Equipment Replacement Funds.

A five-year capital plan is presented for information. The value of the five-year (2025-2029) capital plan is \$14,740,000. The current capital reserve and equipment replacement fund balances, planned contributions, transfers, and expenditures, is insufficient to fund the five-year capital plan. The budget assumes capital financing will be required beginning in 2025. Based on Capital Reserve Guidelines, debt will be required and will result in a budget interest payment of \$68,250, this is the main driver of the 2.45% increase in the Operating Costs. The loan authorization approval process began in 2024 to authorize \$7.72 million to partially fund the 2025-2029 capital plan, with the loan expected to be accessible in 2025.

### Reserve Funding

There are currently three reserve funds established for this service. Reserves serve several specified purposes including stabilizing revenue requirements and funding capital renewal and replacement. The service has the following reserve funds:

**Operating Reserve:** This reserve is available to fund significant maintenance tasks that do not occur annually, such as odour control system carbon replacement, outfall inspections, and DES heat exchanger cleaning. The planned transfer to the operating reserve fund in 2025 is \$20,000. By the end of 2024, the operating reserve fund balance is estimated to be \$1,188,828, which includes an estimated surplus transfer of \$96,886. As this plant continues to age, it is important to maintain a healthy operating reserve to offset any unexpected operational emergencies.

**Capital Reserve:** There are two portions in the Reserve Fund:

- Development Cost Charges (DCC) is deposited in the DCC portion and expenditures are restricted to fund growth.
- Surplus funds from the Operating budget are deposited to the Capital Reserve portion and expenditures provide for capital works.

In 2025, the planned transfer to the capital reserve fund is \$386,000. At year-end 2024 the capital reserve fund balance is estimated to be \$990,945, inclusive of a \$96,886 estimated surplus transfer. At year-end in 2024 the DCC reserve fund balance is estimated to be \$322,155.

**Equipment Replacement Reserve:** This reserve is available to fund minor capital and operating machinery and equipment replacements. The planned transfer to the equipment replacement fund in 2025 is \$531,300. At year-end 2024, the equipment replacement fund balance is estimated to be \$1,336,021.

#### Internal Recovery – Other

Partially offsetting the operating expenses are internal recoveries of \$158,602 (\$81,160 from heating recovery and \$77,442 from laboratory recovery). The DES revenue is from the sale of energy to the Panorama Recreation Centre. The estimated revenue is determined by annual energy rate adjustments based on prior year natural gas market rates and projected energy consumption. The rate used to determine the 2025 revenue is based on the 2024 natural gas rate and anticipated demand. The remaining internal recoveries relate to Saanich Peninsula Wastewater Laboratory and Facilities activities provided to other services.

#### Requisition

The requisition is allocated to the participants based on the percentage allocation of actual flow data from the previous year, from October 1, 2023, to September 30, 2024. The cost-sharing percentages for 2025 will be determined in October and are not anticipated to undergo significant changes compared to 2024. The overall 2025 requisition for Saanich Peninsula trunk sewers, treatment and disposal is \$4,927,822 representing a 5.95% increase over 2024.

#### Saanich Peninsula Liquid Waste Management Plan (LWMP)

The 2025 Saanich Peninsula LWMP program budgets have been included in Appendix A, following the Saanich Peninsula Wastewater budget. The Saanich Peninsula LWMP includes the following three budget and associated proposed increases:

- Saanich Peninsula - Stormwater Quality Management – 2.75% increase in alignment with inflation.
- Saanich Peninsula - Source Control Stormwater – 3% increase in alignment with inflation. In 2025 there is a \$10,000 one-time cost which will be funded from the operating reserve, this will fund efforts to add a new Code of Practice for Recycling Yards to the regulatory bylaw.
- L.W.M.P. (Peninsula) – a 3% increase in alignment with inflation.

### **ALTERNATIVES**

#### *Alternative 1*

The Saanich Peninsula Wastewater Commission recommends that the Committee of the Whole recommends that the Capital Regional District Board:

1. Approve the 2025 Saanich Peninsula trunk sewers, treatment and disposal operating and capital budget and the 2025 Saanich Peninsula Liquid Waste Management Plan (LWMP) program budgets including the LWMP administration budget, the Saanich Peninsula Stormwater Quality Management Program budget and the Saanich Peninsula Stormwater Source Control budget, and the Harbours Environmental Action Service (Peninsula) budget;
2. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund.

*Alternative 2*

The Saanich Peninsula Wastewater Commission recommends that the Committee of the Whole recommends that the Capital Regional District Board:

1. Approve as amended, the 2025 Saanich Peninsula trunk sewers, treatment and disposal operating and capital budget and the 2025 Saanich Peninsula Liquid Waste Management Plan (LWMP) program budgets including the LWMP administration budget, the Saanich Peninsula Stormwater Quality Management Program budget and the Saanich Peninsula Stormwater Source Control budget, and the Harbours Environmental Action Service (Peninsula) budget;
2. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund.

**IMPLICATIONS**

If the proposed budget is amended, the implications could vary depending on how the budget is amended and the impact on specific programs, 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 reducing contributions to reserves would limit the ability to address future infrastructure needs and respond to unforeseen emergencies.

**CONCLUSION**

This 2025 Saanich Peninsula Wastewater Service budget is presented for the Saanich Peninsula Wastewater Commission's consideration. The Commission will make budget recommendations to the Capital Regional District Board through the Committee of the Whole in October. The draft 2025 Saanich Peninsula Wastewater Service budget reflects the operating costs of the Saanich Peninsula Wastewater Treatment Plant and the conveyance system, as well as the environmental program and capital costs. The financial implications of the 2025 operating and capital budget vary by participant, depending on the operating and capital cost apportionments associated with annual flow and allocated treatment capacity.

**RECOMMENDATION**

The Saanich Peninsula Wastewater Commission recommends that the Committee of the Whole recommends that the Capital Regional District Board:

1. Approve the 2025 Saanich Peninsula trunk sewers, treatment and disposal operating and capital budget and the 2025 Saanich Peninsula Liquid Waste Management Plan (LWMP) program budgets including the LWMP administration budget, the Saanich Peninsula Stormwater Quality Management Program budget and the Saanich Peninsula Stormwater Source Control budget, and the Harbours Environmental Action Service (Peninsula) budget;
2. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund.

Submitted by:	Alicia Fraser, P. Eng., General Manager, Integrated Water Services
Concurrence:	Russ Smith, Acting General Manager, Parks, Recreation & Environmental Services
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

**ATTACHMENT(S)**

Appendix A: 2025 Saanich Peninsula Wastewater Service Budget

# **CAPITAL REGIONAL DISTRICT**

## **2025 BUDGET**

### **Saanich Peninsula Wastewater**

#### **COMMISSION REVIEW**

**Service: 3.718 Saanich Peninsula Wastewater**

**Committee: Environmental Services**

**DEFINITION:**

Provision of sewage treatment and disposal through treatment plant facilities and outfall for member participants.

**SERVICE DESCRIPTION:**

This program is for the provision of wastewater collection and treatment to the Saanich Peninsula municipalities of Central Saanich, North Saanich, and Sidney. Although the largest component of the program budget is for the operation and maintenance of the systems, many other key programs are funded through and support these budgets including engineering (capital projects), odour control, and marine monitoring and protection.

**PARTICIPATION:**

Operating costs to be recovered by requisition to all participating members based on measured flow from previous year.

**MAXIMUM LEVY:**

Establishment Bylaw No. 2388/2439 - Greater of \$5,663,000 or \$1.56 / \$1,000 of actual assessed value of land and improvements.

**MAXIMUM CAPITAL DEBT:**

<b>Authorized:</b>	LA Bylaw 4596	\$	<u>Authorized</u>	7,720,000	\$	<u>Borrowed</u>	-	<u>Remaining</u>	7,720,000
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**SPWWS SEWER SYSTEM:**

<u>Location</u>	<u>Cost Sharing Allocation: Annual Wastewater Flows</u>
Airport	1.65%
Sidney	39.19%
Pauquachin	1.10%
Central Saanich	41.47%
North Saanich	16.02%
Tseycum	0.44%
IOS	0.13%
Total	<hr/> 100.00%

**FUNDING:**

Requisition

**RESERVE FUND:**

Saanich Peninsula Wastewater Commission approved that operating surpluses be transferred to capital reserve fund, starting with 2009 budget (approved Nov 6, 2008).

**Change in Budget 2024 to 2025**

**Service:** 3.718 Saanich Peninsula Wastewater

**Total Expenditure**

**Comments**

**2024 Budget** **4,993,970**

**Operating Changes:**

Operating	(8,753)	Less cyclical maintenance required, offset by inflation-related increases in operating costs
Laboratory	7,052	Inflation cost
Heat Recovery	23,870	Heat exchanger dismantle and cleaning
Biosolids Mgmt.	(1,323)	Waste sludge hauling budget reduced
Allocation - Standard Overhead	(4,064)	Calculation based on prior year's budget
Reserve Transfers	6,003	Increase in capital reserve transfers for future capital projects
Debt Servicing	98,250	New debt cost related to capital projects for replacement of aged infrastructure
Total Other Changes	121,036	

**2025 Budget** **5,115,006**

Summary of % Expense Increase

<i>Debt servicing cost</i>	<b>2.0%</b>	
<i>Balance of increase</i>	<b>0.5%</b>	
<i>% expense increase from 2024:</i>	<b>2.4%</b>	
<i>% Requisition increase from 2024 (if applicable):</i>	<b>5.95%</b>	<i>Requisition funding is 99.4% of service revenue</i>

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

*There is a one-time favorable variance forecasted at \$190,000, primarily due to savings from labour consumption. This amount will be split into two funds: the Operating Reserve Fund and Capital Reserve Fund, with each fund receiving \$95,000.*



3.718 - Saanich Peninsula Wastewater	2024		BUDGET REQUEST				FUTURE PROJECTIONS			
	BOARD BUDGET	ESTIMATED ACTUAL	CORE BUDGET	2025			2026	2027	2028	2029
				ONGOING	ONE-TIME	TOTAL				
<b>OPERATING COSTS</b>										
Operating	2,996,881	2,795,211	2,968,128	-	20,000	2,988,128	3,158,223	3,119,671	3,288,065	3,228,576
Laboratory	179,180	179,180	186,232	-	-	186,232	189,952	193,744	197,608	201,557
Heat Recovery	125,753	123,580	149,623	-	-	149,623	152,600	155,654	158,750	161,917
Biosolids Mgmt.	621,700	574,300	620,377	-	-	620,377	1,023,188	1,026,064	1,029,005	1,032,034
Allocation - Standard Overhead	84,219	82,890	80,155	-	-	80,155	82,559	84,210	85,895	87,613
<b>TOTAL OPERATING COSTS</b>	<b>4,007,733</b>	<b>3,755,161</b>	<b>4,004,516</b>	<b>-</b>	<b>20,000</b>	<b>4,024,516</b>	<b>4,606,522</b>	<b>4,579,342</b>	<b>4,759,323</b>	<b>4,711,698</b>
*Percentage Increase over prior year		-6.30%	-0.08%	0.00%	0.50%	0.42%	14.46%	-0.59%	3.93%	-1.00%
<b>CAPITAL / RESERVE</b>										
Transfer to Operating Reserve Fund	75,690	75,690	74,940	-	-	74,940	75,240	85,550	95,860	106,170
Transfer to Equipment Replacement Fund	530,274	530,274	531,300	-	-	531,300	201,930	212,570	216,820	221,150
Transfer to Capital Reserve Fund	380,273	380,273	386,000	-	-	386,000	396,720	407,450	418,200	428,960
Debt Reserve Fund	-	-	30,000	-	-	30,000	20,700	5,500	4,000	17,000
MFA Principal Payment	-	-	-	-	-	-	155,475	262,753	291,257	311,987
MFA Interest Payment	-	-	68,250	-	-	68,250	159,270	233,630	256,180	288,080
<b>TOTAL CAPITAL / RESERVES</b>	<b>986,237</b>	<b>986,237</b>	<b>1,090,490</b>	<b>-</b>	<b>-</b>	<b>1,090,490</b>	<b>1,009,335</b>	<b>1,207,453</b>	<b>1,282,317</b>	<b>1,373,347</b>
<b>TOTAL COSTS</b>	<b>4,993,970</b>	<b>4,741,398</b>	<b>5,095,006</b>	<b>-</b>	<b>20,000</b>	<b>5,115,006</b>	<b>5,615,857</b>	<b>5,786,795</b>	<b>6,041,640</b>	<b>6,085,045</b>
*Percentage Increase over prior year		-5.06%	2.02%	0.00%	0.40%	2.42%	9.79%	3.04%	4.40%	0.72%
Internal Recovery - Other	(154,483)	(175,683)	(158,602)	-	-	(158,602)	(161,770)	(165,000)	(168,300)	(171,660)
Recovery - Other	-	-	-	-	-	-	-	-	-	-
<b>OPERATING COSTS LESS INTERNAL RECOVERIES</b>	<b>4,839,487</b>	<b>4,565,715</b>	<b>4,936,404</b>	<b>-</b>	<b>20,000</b>	<b>4,956,404</b>	<b>5,454,087</b>	<b>5,621,795</b>	<b>5,873,340</b>	<b>5,913,385</b>
*Percentage Increase over prior year		-5.66%	2.00%	0.00%	0.41%	2.42%	10.04%	3.07%	4.47%	0.68%
<b>SOURCES OF FUNDING (REVENUE)</b>										
<b>Surplus / (Deficit)</b>										
Balance C/F from Prior to Current Year										
Grants in Lieu of Taxes	(8,582)	(8,582)	(8,582)	-	-	(8,582)	(5,295)	(5,295)	(5,295)	(5,295)
Transfer from Own Funds	(180,000)	(100,000)	-	-	(20,000)	(20,000)	(135,000)	(30,000)	(130,000)	-
<b>TOTAL REVENUE</b>	<b>(188,582)</b>	<b>(108,582)</b>	<b>(8,582)</b>	<b>-</b>	<b>(20,000)</b>	<b>(28,582)</b>	<b>(140,295)</b>	<b>(35,295)</b>	<b>(135,295)</b>	<b>(5,295)</b>
<b>REQUISITION</b>	<b>(4,650,905)</b>	<b>(4,457,133)</b>	<b>(4,927,822)</b>	<b>-</b>	<b>-</b>	<b>(4,927,822)</b>	<b>(5,313,792)</b>	<b>(5,586,500)</b>	<b>(5,738,045)</b>	<b>(5,908,090)</b>
*Percentage increase over prior year		-4.17%	5.95%	0.00%	0.00%	5.95%	7.83%	5.13%	2.71%	2.96%
PARTICIPANTS: C. Saanich, N. Saanich, Sidney, Airport,										

**CAPITAL REGIONAL DISTRICT  
FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2025 to 2029**

<b>Service No.</b>	<b>3.718 Saanch Peninsula Wastewater</b>	<b>Carry Forward from 2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>TOTAL</b>
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**EXPENDITURE**

Buildings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$255,000	\$935,000	\$1,755,000	\$1,580,000	\$530,000	\$50,000	\$4,850,000	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Engineered Structures	\$1,940,000	\$4,590,000	\$1,100,000	\$950,000	\$850,000	\$2,400,000	\$9,890,000	
Vehicles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>\$2,195,000</b>	<b>\$5,525,000</b>	<b>\$2,855,000</b>	<b>\$2,530,000</b>	<b>\$1,380,000</b>	<b>\$2,450,000</b>	<b>\$14,740,000</b>	

**SOURCE OF FUNDS**

Capital Funds on Hand	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debenture Debt (New Debt Only)	\$0	\$3,000,000	\$2,070,000	\$550,000	\$400,000	\$1,700,000	\$7,720,000
Equipment Replacement Fund	\$590,000	\$820,000	\$415,000	\$200,000	\$380,000	\$200,000	\$2,015,000
Grants (Federal, Provincial)	\$0	\$0	\$0	\$1,080,000	\$0	\$0	\$1,080,000
Donations / Third Party Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Fund	\$1,605,000	\$1,705,000	\$370,000	\$700,000	\$600,000	\$550,000	\$3,925,000
	<b>\$2,195,000</b>	<b>\$5,525,000</b>	<b>\$2,855,000</b>	<b>\$2,530,000</b>	<b>\$1,380,000</b>	<b>\$2,450,000</b>	<b>\$14,740,000</b>

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2025 - 2029

Service #:

3.718

Service Name:

Saanich Peninsula Wastewater

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 2024	2025	2026	2027	2028	2029	5 - Year Total
<b>WASTEWATER TREATMENT PLANT</b>													
23-03	Renewal	Odour Control Upgrade Construction	Odour control upgrades are required in numerous rooms and spaces at the treatment plant in order to meet health and safety requirements and prevent ongoing corrosion in some concrete tanks.	\$ 1,000,000	S	Res	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
23-03	Renewal	Odour Control Upgrade Construction	Odour control upgrades are required in numerous rooms and spaces at the treatment plant in order to meet health and safety requirements and prevent ongoing corrosion in some concrete tanks.	\$ 2,500,000	S	Debt	\$ -	\$ 2,300,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 2,500,000
26-01	Renewal	Replace Covers on Primary Clarifiers	Replace covers over clarifiers to more easily removable geomembrane cover system.	\$ 200,000	E	ERF	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
23-04	Replacement	Replace SCADA Servers and Ethernet Upgrades	Existing servers are EOL and need to be replaced to meet current CRD specifications and standards	\$ 250,000	S	ERF	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
24-01	Renewal	Sludge Tanks and Process Sump Cleaning and Repairs	Detailed Structural assessment of the primary clarifier No. 2 and sludge tanks to determine whether repairs are required. Cleaning, repair and apply protective coating on concrete surfaces inside of the sludge tanks and process sump is required to prevent ongoing corrosion and extensive structural damage.	\$ 500,000	S	Debt	\$ -	\$ 100,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 500,000
27-01	Renewal	SPWWTP Road Upgrades	Construct drainage and pavement replacement on the SPWWTP access road.	\$ 300,000	S	Res	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
28-01	Study	Bazan Bay Outfall Inspection	Follow-up inspection of Bazan Bay Outfall	\$ 250,000	S	Res	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000
24-02	Replacement	Standby Power Assessment and Replacement	Original standby genset is nearing end of life and AECOM recommended completing a power load assessment and upgrading to a new genset that can provide standby power to the whole treatment plant.	\$ 30,000	E	Res	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
24-02	Replacement	Standby Power Assessment and Replacement	Original standby genset is nearing end of life and AECOM recommended completing a power load assessment and upgrading to a new genset that can provide standby power to the whole treatment plant.	\$ 920,000	E	Debt	\$ -	\$ 150,000	\$ 620,000	\$ 150,000	\$ -	\$ -	\$ 920,000
24-03	Replacement	SCADA Equipment Replacement	Project to review and address the maturation of SCADA hardware throughout the service areas.	\$ 1,000,000	E	Debt	\$ -	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 50,000	\$ 1,000,000
24-04	Replacement	SPWWTP PLC Replacement	PLC and CPUs at SPWWTP are at the end of life and must be replaced. The Schneider product currently used at the SPWWTP was discontinued in 2018 and will no longer be supported as of 2026.	\$ 500,000	E	Debt	\$ -	\$ 200,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 500,000
26-02	Study	Wastewater Treatment Plant Model Development	Initial assessment and plant modelling exercise to help assess future plant optimization.	\$ 150,000	E	Res	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
26-03	Renewal	Decarbonization Improvements at SPWWTP	Project to carry out decarbonization improvement recommendations as developed through the 2024 Low Carbon Electrification Study.	\$ 120,000	E	Res	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
26-03	Renewal	Decarbonization Improvements at SPWWTP		\$ 1,080,000	E	Grant	\$ -	\$ -	\$ -	\$ 1,080,000	\$ -	\$ -	\$ 1,080,000
<b>PUMP STATIONS</b>													
24-05	Replacement	Keating Pump Station - Pump Replacement	The existing pumps are nearing end of life and are becoming more difficult to maintain.	\$ 300,000	S	ERF	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
<b>GENERAL</b>													
19-06	Renewal	Odour Control Upgrades	Continuing on from the 2018 Odour Control Program study, a consultant has been retained to complete the detailed design and construction services for the odour control upgrades at SPWWTP.	\$ 575,000	S	Res	\$ 340,000	\$ 340,000	\$ -	\$ -	\$ -	\$ -	\$ 340,000
21-04	Replacement	Voice Radio Replacement	Replacement of the voice radios, in coordination with the RWS, SPW, JDF, and Core Area services.	\$ 85,000	E	ERF	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
18-10	Replacement	Equipment Replacement - Annual Provisional	Funds are required for emergency replacement of equipment that is unplanned and outside maintenance responsibilities.	\$ 1,200,000	S	ERF	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
22-02	New	Microwave Radio Upgrades	To provide a high bandwidth communications backbone to the SPW/SPWW systems, a microwave communications system will be installed.	\$ 550,000	E	Res	\$ 150,000	\$ 250,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 550,000
23-02	Renewal	Electrical & Control Upgrades	Electrical and Controls upgrades in the SPWW system, including facilities Sidney PS and WWTP.	\$ 275,000	E	ERF	\$ 55,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000
24-06	Replacement	IT Core Infrastructure Replacement	Replacement of Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life	\$ 240,000	E	ERF	\$ 5,000	\$ 35,000	\$ 15,000	\$ -	\$ 180,000	\$ -	\$ 230,000
29-01	Study	Inflow and Infiltration (I&I) Management Plan Update	Future update to the Saanich Peninsula Wastewater I&I Plan	\$ 50,000	S	Res	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
<b>GRAVITY SEWERS &amp; MANHOLES</b>													
20-04	Renewal	Manhole Repairs and Replacement	Based upon inspections, high priority repairs and relining will start on some MH's in Central Saanich and Sidney. Repairs/relining will be scheduled in the next 5 years.	\$ 50,000	S	Res	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
20-04	Renewal	Manhole Repairs and Replacement	Based upon inspections, high priority repairs and relining will start on some MH's in Central Saanich and Sidney. Repairs/relining will be scheduled in the next 5 years.	\$ 850,000	S	Debt	\$ -	\$ 50,000	\$ 300,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 850,000
27-02	Renewal	Trunk Sewer Relining - Ph2	Based upon CCTV inspection, about another 1600m of 500mm dia asbestos cement sewer should be lined in 2029.	\$ 1,450,000	S	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000	\$ 1,450,000
27-02	Renewal	Trunk Sewer Relining - Ph2		\$ 750,000	S	Res	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 500,000	\$ 750,000
27-03	Renewal	Flushing and CCTV Inspection	SPWW sewers should be cleaned and inspected on a 5-basis. The next 5-year inspection is planned for 2027.	\$ 150,000	S	Res	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
27-04	Renewal	I&I Flow Monitoring	Flow Monitoring leading up to I&I Plan Updates	\$ 150,000	S	Res	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
<b>PRESSURE PIPES &amp; APPURTENANCES</b>													
<b>DEVELOPMENT COST CHARGE (DCC) PROJECTS</b>													
23-01	Renewal	DCC Program - 5-year Update	5-year update of the DCC program.	\$ 75,000	S	Res	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>GRAND TOTAL</b>													
				\$ 15,550,000			\$ 2,195,000	\$ 5,525,000	\$ 2,855,000	\$ 2,530,000	\$ 1,380,000	\$ 2,450,000	\$ 14,740,000

Service: **3.718** **Saanich Peninsula Wastewater**

<b>Project Number</b>	23-03	<b>Capital Project Title</b>	Odour Control Upgrade Construction	<b>Capital Project Description</b>	Odour control upgrades are required in numerous rooms and spaces at the treatment plant in order to meet health and safety requirements and prevent ongoing corrosion in some concrete tanks.
<b>Project Rationale</b>	Construction improvements to be implemented based on recommendations made in the KWL report. Odour control upgrades are required in numerous rooms and spaces at the treatment plant in order to meet health and safety requirements and prevent ongoing corrosion in some concrete tanks.				

<b>Project Number</b>	26-01	<b>Capital Project Title</b>	Replace Covers on Primary Clarifiers	<b>Capital Project Description</b>	Replace covers over clarifiers to more easily removable geomembrane cover system.
<b>Project Rationale</b>	The existing aluminum checker plate covers on the clarifiers are difficult to remove. A more easily removeable geomembrane cover system will allow for better operation and maintenance of the clarifiers and prolong carbon life in the odour control system.				

<b>Project Number</b>	23-04	<b>Capital Project Title</b>	Replace SCADA Servers and Ethernet Upgrades	<b>Capital Project Description</b>	Existing servers are EOL and need to be replaced to meet current CRD specifications and standards
<b>Project Rationale</b>	Existing servers are EOL and need to be replaced to meet current CRD specifications and standards				

Service: **3.718** **Saanich Peninsula Wastewater**

<b>Project Number</b>	24-01	<b>Capital Project Title</b>	Sludge Tanks and Process Sump Cleaning and Repairs	<b>Capital Project Description</b>	Detailed Structural assessment of the primary clarifier No. 2 and sludge tanks to determine whether repairs are required. Cleaning, repair and apply protective coating on concrete surfaces inside of the sludge tanks and process sump is required to prevent ongoing corrosion and extensive structural damage.
<b>Project Rationale</b>	Primary Clarifier No. 1 and the oxidation tanks have had detailed structural assessments, funds are required to conduct a detailed assessment of primary clarifier No. 2 and the sludge tanks to determine whether concrete repairs are required similar to the oxidation tanks and primary clarifier No. 1.				

<b>Project Number</b>	27-01	<b>Capital Project Title</b>	SPWWTP Road Upgrades	<b>Capital Project Description</b>	Construct drainage and pavement replacement on the SPWWTP access road.
<b>Project Rationale</b>	The access road to the SPWWTP will be 27 years old and is showing localized pavement failure. Additionally, the road drainage system requires some rehabilitation to maintain its function. Funds are required to design the drainage improvements and pavement repairs, and carry out the improvements.				

<b>Project Number</b>	28-01	<b>Capital Project Title</b>	Bazan Bay Outfall Inspection	<b>Capital Project Description</b>	Follow-up inspection of Bazan Bay Outfall
<b>Project Rationale</b>	Follow up 2028 inspection of Bazan Bay outfall to meet MWR requirements for 5-years inspection frequencies following the 2023 inspection. Considerations for ROV, Electromagnetic and dye tracing.				

Service: **3.718** **Saanich Peninsula Wastewater**

<b>Project Number</b>	24-02	<b>Capital Project Title</b>	Standby Power Assessment and Replacement	<b>Capital Project Description</b>	Original standby genset is nearing end of life and AECOM recommended completing a power load assessment and upgrading to a new genset that can provide standby power to the whole treatment plant.
<b>Project Rationale</b>	Original standby genset is nearing end of life and AECOM recommended completing a power load assessment and upgrading to a new genset that can provide standby power to the whole treatment plant.				

<b>Project Number</b>	24-03	<b>Capital Project Title</b>	SCADA Equipment Replacement	<b>Capital Project Description</b>	Project to review and address the maturation of SCADA hardware throughout the service areas.
<b>Project Rationale</b>	Project to review and address the maturation of SCADA hardware throughout the service areas.				

<b>Project Number</b>	24-04	<b>Capital Project Title</b>	SPWWTP PLC Replacement	<b>Capital Project Description</b>	PLC and CPUs at SPWWTP are at the end of life and must be replaced. The Schneider product currently used at the SPWWTP was discontinued in 2018 and will no longer be supported as of 2026.
<b>Project Rationale</b>	PLC and CPUs at SPWWTP are at the end of life and must be replaced. The Schneider product currently used at the SPWWTP was discontinued in 2018 and all support will be terminated in 2026.				

**Service:** 3.718 Saanich Peninsula Wastewater

**Project Number** 26-02 **Capital Project Title** Wastewater Treatment Plant Model Development **Capital Project Description** Initial assessment and plant modelling exercise to help assess future plant optimization.

**Project Rationale** Model development will better help to fine tune processes and better analyze and optimize current and future operations.

**Project Number** 26-03 **Capital Project Title** Decarbonization Improvements at SPWWTP **Capital Project Description** Project to carry out decarbonization improvement recommendations as developed through the 2024 Low Carbon Electrification Study.

**Project Rationale** Saanich Peninsula WWTP is within the top 5 GHG emitters in the CRD portfolio. Supported by the Government of Canada and Province of BC through the CleanBC Custom Program, a low carbon electrification report was carried out by Prism Engineering in 2024 which recommends improvements that will reduce reliance on natural gas, including a water source heat pump and domestic hot water pre-heating

**Project Number** 24-05 **Capital Project Title** Keating Pump Station - Pump Replacement **Capital Project Description** The existing pumps are nearing end of life and are becoming more difficult to maintain.

**Project Rationale** Replacement of existing pumps at existing facility.

**Project Number** 19-06 **Capital Project Title** Odour Control Upgrades **Capital Project Description** Continuing on from the 2018 Odour Control Program study, a consultant has been retained to complete the detailed design and construction services for the odour control upgrades at SPWWTP.

**Project Rationale**

**Service:** 3.718 Saanich Peninsula Wastewater

<b>Project Number</b>	21-04	<b>Capital Project Title</b>	Voice Radio Replacement	<b>Capital Project Description</b>	Replacement of the voice radios, in coordination with the RWS, SPW, JDF, and Core Area services.
<b>Project Rationale</b>	Replacement of the voice radios, in coordination with the RWS, SPW, JDF, and Core Area services.				

<b>Project Number</b>	18-10	<b>Capital Project Title</b>	Equipment Replacement - Annual Provisional	<b>Capital Project Description</b>	Funds are required for emergency replacement of equipment that is unplanned and outside maintenance contingencies.
<b>Project Rationale</b>	Funds are required for emergency replacement of equipment that is unplanned and outside maintenance contingencies.				

<b>Project Number</b>	22-02	<b>Capital Project Title</b>	Microwave Radio Upgrades	<b>Capital Project Description</b>	To provide a high bandwidth communications backbone to the SPW/SPWW systems, a microwave communications system will be installed.
<b>Project Rationale</b>	Multiple facilities throughout the CRD RWS system require additional bandwidth to allow for proper monitoring and control. This project will enable the initial design and preliminary installation of a high bandwidth microwave backbone that will be able to be leveraged by multiple CRD operational groups. The installation of this backbone will be coordinated with the other IWS service areas.				



**Service:** 3.718 Saanich Peninsula Wastewater

<b>Project Number</b>	23-02	<b>Capital Project Title</b>	Electrical & Control Upgrades	<b>Capital Project Description</b>	Electrical and Controls upgrades in the SPWW system, including facilities Sidney PS and WWTP.
<b>Project Rationale</b>	Replacement of the Sidney PS PLC and RTUs before failure, and updating programming of facilities to supported hardware and operating systems. WWTP Capacitor replacement also required. This program was underway in 2024 but anticipated to carry into 2025.				

<b>Project Number</b>	24-06	<b>Capital Project Title</b>	IT Core Infrastructure Replacement	<b>Capital Project Description</b>	Replacement of Core IT infrastructure such as servers, network switches, UPS, etc for equipment end of life
<b>Project Rationale</b>	Project for IT Core Infrastructure Replacement associated with SPWWS. Program to be managed by IT.				

<b>Project Number</b>	29-01	<b>Capital Project Title</b>	Inflow and Infiltration (I&I) Management Plan Update	<b>Capital Project Description</b>	Future update to the Saanich Peninsula Wastewater I&I Plan
<b>Project Rationale</b>	Continual improvements I&I Management reduce the impact on limiting capacity on conveyance and treatment infrastructure.				

<b>Project Number</b>	20-04	<b>Capital Project Title</b>	Manhole Repairs and Replacement	<b>Capital Project Description</b>	Based upon inspections, high priority repairs and relining will start on some MH's in Central Saanich and Sidney. Repairs/relining will be scheduled in the next 5 years.
<b>Project Rationale</b>	During the trunk sewer main inspections in 2018-2019, the manholes were inspected as well. A number of manholes were identified with major defects requiring repairs or relining, mostly in Central Saanich and Sidney. Funds are required to retain a contractor to carry out manhole repairs.				

**Service:** 3.718 Saanich Peninsula Wastewater

**Project Number** 27-02 **Capital Project Title** Trunk Sewer Relining - Ph2 **Capital Project Description** Based upon CCTV inspection, about another 1600m of 500mm dia asbestos cement sewer should be lined in 2029.

**Project Rationale** The trunk sewer mains were inspected in 2018-2019 resulting in approximately 800 m of 500 mm diameter asbestos cement sewer pipe requiring relining to maintain integrity. Funds are required to retain a contractor to conduct the pipe relining starting where Phase 1 left.

**Project Number** 27-03 **Capital Project Title** Flushing and CCTV Inspection **Capital Project Description** SPWW sewers should be cleaned and inspected on a 5-basis. The next 5-year inspection is planned for 2027.

**Project Rationale** Flushing and CCTV inspection program for pipe condition of SPWW sewers.

**Project Number** 27-04 **Capital Project Title** I&I Flow Monitoring **Capital Project Description** Flow Monitoring leading up to I&I Plan Updates

**Project Rationale** Monitoring to facilitate future plan updates.

**Project Number** 23-01 **Capital Project Title** DCC Program - 5-year Update **Capital Project Description** 5-year update of the DCC program.

**Project Rationale** Update to DCC will better align Developer Cost Charges with upgrades to the system required for growth.

**Summary Schedule  
2025 - 2029 Financial Plan**

**Asset Profile**

**Saanich Peninsula Wastewater Assets**

Construction of the Saanich Peninsula Wastewater Treatment Plant (SPWWTP) was completed in January 2000 to provide wastewater service for Central Saanich, North Saanich and Sidney, as well as the local First Nations, Victoria Airport Authority, and the Institute of Ocean Sciences Centre. Annually, the SPWWTP produces on average 3,600 tonnes of sludge which is currently hauled being treated at the Residuals Treatment Facility at Hartland. The SPWWTP heat recovery system was commissioned in February 2011 and has supplied treatment plant effluent waste heat to the Panorama Recreation Center for heating its swimming pools since then. Assets in the Saanich Peninsula Wastewater System include land, the SPWWTP and a secondary treatment plant, three pumping stations, thermal recovery and other buildings, 14 kilometres of collections and conveyance (gravity & pressure) mains, and a marine outfalls.

**Reserve/Fund Summary**

	<b>Estimate</b>	<b>Budget</b>				
	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Capital Reserve Funds	1,313,101	1,719,101	1,915,821	1,793,271	1,781,471	1,830,431
Equipment Replacement Fund	1,336,021	1,637,321	1,424,251	1,436,821	1,273,641	1,294,791
Operating Reserve Fund	1,188,828	1,243,768	1,184,008	1,239,558	1,205,418	1,311,588
<b>Total</b>	<b>3,837,949</b>	<b>4,600,189</b>	<b>4,524,079</b>	<b>4,469,649</b>	<b>4,260,529</b>	<b>4,436,809</b>

See attached reserve schedules for projected annual cash flows.

**Capital Reserve Fund Schedule - SPWWTP**

**Capital Reserve Fund SPWWTP - DCC Portion and Capital Reserve Portion**

Bylaw 2760 established a Reserve Fund for the Saanich Peninsula Wastewater System. There are two portions in the Reserve Fund: Development Cost Charges is deposited in the DCC portion and expenditures are restricted. Surplus funds from the Operating budget are deposited to the Capital Reserve portion and expenditures provide for capital works.

**DCC Portion**

**Fund: 1012**

**Fund Center: 101356**

	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
<b>Beginning Balance</b>	162,155	322,155	292,155	262,155	282,155	302,155
<b>Planned Capital Expenditure (Based on Capital Plan)</b>	-	(50,000)	(50,000)	-	-	-
<b>Transfer OUT - To Capital Reserve</b>	-	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)
<b>Fund Return</b>	-	-	-	-	-	-
<b>Transfer IN - DCC Funding</b>	170,000	170,000	170,000	170,000	170,000	170,000
<b>Interest Income</b>	10,000	-	-	-	-	-
<b>Ending Balance \$</b>	<b>322,155</b>	<b>292,155</b>	<b>262,155</b>	<b>282,155</b>	<b>302,155</b>	<b>322,155</b>

**Assumptions/Background:**

Surplus funds from the Operating budget are deposited to the Capital Reserve portion and expenditures provide for capital works.  
Approved capital expenditures to be funded by DCC to be determined, as under review.

**Capital Reserve Portion**

**Fund: 1012**

**Fund Center: 102022**

	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
<b>Beginning Balance</b>	748,787	990,945	1,426,945	1,653,665	1,511,115	1,479,315
<b>Planned Capital Expenditure</b>	(230,000)	(100,000)	(320,000)	(700,000)	(600,000)	(550,000)
<b>Transfer from Ops Budget</b>	380,273	386,000	396,720	407,450	418,200	428,960
<b>Planned transfer from DCC Funds</b>	-	150,000	150,000	150,000	150,000	150,000
<b>Estimated Surplus</b>	96,886	-	-	-	-	-
<b>Interest Income*</b>	5,000	-	-	-	-	-
<b>Ending Balance \$</b>	<b>990,945</b>	<b>1,426,945</b>	<b>1,653,665</b>	<b>1,511,115</b>	<b>1,479,315</b>	<b>1,508,275</b>

Saanich Peninsula Commission approved that operating surpluses be transferred to capital reserve fund each year, starting with 2009 budget.

The planned purchase amount may differ from the five-year capital plan summary due to carryover from the previous year.

\* 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.

Total both funds	1,313,101	1,719,101	1,915,821	1,793,271	1,781,471	1,830,431
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**ERF Reserve Fund Schedule SPWWTP**

**ERF: SPWWTP ERF or PERS Fund for Equipment**

ERF Reserve to fund replacement of equipment that lasts less than 15 years in the NWT System. Also called PERS (Priority Equipment Replacement). Example motors, pumps... There are 2 PERS, Trunks and Treatment Plant; and 1 ERF for SPWWTP Lab Equipment

**Equipment Replacement Fund- SPWWTP**

**Fund: 1022**

**Fund Center: 101700**

	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
<b>Beginning Balance</b>	1,486,717	1,336,021	1,637,321	1,424,251	1,436,821	1,273,641
<b>Planned Purchase (Based on Capital Plan)</b>	(690,000)	(230,000)	(415,000)	(200,000)	(380,000)	(200,000)
<b>Estimated Surplus</b>						
<b>Transfer IN (from Ops Budget)</b>	530,274	531,300	201,930	212,570	216,820	221,150
<b>Interest Income*</b>	9,030					
<b>Ending Balance \$</b>	<b>1,336,021</b>	<b>1,637,321</b>	<b>1,424,251</b>	<b>1,436,821</b>	<b>1,273,641</b>	<b>1,294,791</b>

The ERF funds the replacement or repair of equipment with a service life of 15 years or less. In the past the ERF has also been referred to as a Priority Equipment Replacement Strategy (PERS). There are three individual ERF funds; Wastewater Treatment Plant (E00561), Trunk Sewers (E00562) and Saanich Peninsula Laboratory Equipment (E00586)

The planned purchase amount may differ from the five-year capital plan summary due to carryover from the previous year.

\* Interest in planning years nets against inflation which is not included.

**Profile**

**Saanich Peninsula Wastewater**

Starting in 2003, maintenance reserve accounts were established for operating and maintenance activities that typically do not occur annually. These maintenance activities are large expense and to and to avoid large swings in the operating budget, funds are set aside annually to undertake this maintenance. The maintenance activities are the replacement and disposal of the odour control carbon at the treatment plant approximately every 2 years, replacement and disposal of the odour control carbon at Keating Pump Station every 5 years, the regulatory inspection of the Bazan Bay marine outfall every 5 years and the cleaning and rebuild of the District Energy Sharing System heat exchanger every 5-8 years.

**Operating Reserve Schedule**

Operating Reserve Schedule Fund: 1500 Fund Center: 105204	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
Beginning Balance	1,091,252	1,188,828	1,243,768	1,184,008	1,239,558	1,205,418
Transfer In						
Planned Purchase	(100,000)	(20,000)	(135,000)	(30,000)	(130,000)	-
Estimated Surplus	96,886					
Transfer from Ops Budget	75,690	74,940	75,240	85,550	95,860	106,170
Interest Income*	25,000	-	-	-	-	-
<b>Ending Balance \$</b>	<b>1,188,828</b>	<b>1,243,768</b>	<b>1,184,008</b>	<b>1,239,558</b>	<b>1,205,418</b>	<b>1,311,588</b>

**Assumptions/Background:**  
Maintenance Reserve Account: Outfall Inspection, Odour Control Carbon Replacement, Heat Recovery Exchange System Cleaning

\* 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.

# **CAPITAL REGIONAL DISTRICT**

## **2025 BUDGET**

### **Saanich Peninsula - Stormwater Quality Management**

#### **Commission REVIEW**

OCTOBER 2024

**Service:** 1.537 Saanich Peninsula - Stormwater Quality Management

**Commission:** Saanich Peninsula Waste Water

**DEFINITION:**

Establishment Bylaw No. 3642 (2009), as amended by Bylaw No. 4141 (2017), to identify pollution in stormwater run-off from land in the service area.

**SERVICE DESCRIPTION:**

The service provides a stormwater quality program in the Saanich Peninsula to coordinate and provide information for management of stormwater quality and surface water resources. The program identifies levels of contaminants in stormwater discharges and prioritizes the level of public health and environmental concern posed by the discharges and then works to reduce/eliminate the contaminants.

**PARTICIPATION:**

Districts of Central Saanich, North Saanich and Town of Sidney.

**MAXIMUM LEVY:**

Greater of \$106,017 or \$0.0103/\$1,000 of actual assessments.

**MAXIMUM CAPITAL DEBT:**

Nil

**COMMITTEE:**

Saanich Peninsula Wastewater Commission

**FUNDING:**

The apportionment of annual operating costs among the participating areas shall be on the basis of one -sixth in proportion to the population of the participating areas, one-sixth in proportion to the land area of the participating areas, one -sixth in proportion to the length of shoreline in each of the participating areas, and one -half in proportion to the number of high and medium priority discharges of stormwater to the environment in the prior year within the boundaries of each of the participating areas, as determined by the Capital Regional District Board.

**USER CHARGE:**

N/A



<b>Service: 1.537 Saanich Peninsula - Stormwater Quality Management</b>	<b>Commission: Saanich Peninsula Waste Water</b>
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	<u>Stormwater</u>
Central Saanich	26.49%
North Saanich	40.23%
Sidney	22.16%
Tsawout Nations	3.58%
Tsartlip Nations	3.70%
Pauquachin Nations	2.27%
Tseycum Nations	1.57%
<b>Total</b>	<b><u>100.00%</u></b>

Note:

\* Service established effective 2010; previously provided by agreement

**APPENDIX A**

1.537 Saanich Peninsula - Stormwater Quality Mgmt	<b>BUDGET REQUEST</b>									
	<b>2024 BOARD BUDGET</b>	<b>2024 ESTIMATED ACTUAL</b>	<b>2025 CORE BUDGET</b>	<b>2025 ONGOING</b>	<b>2025 ONE-TIME</b>	<b>2025 TOTAL</b>	<b>2026 TOTAL</b>	<b>2027 TOTAL</b>	<b>2028 TOTAL</b>	<b>2029 TOTAL</b>
<u>OPERATING COSTS:</u>										
Operating Expenditures	83,975	83,975	86,757	-	-	86,757	89,331	91,968	94,438	97,223
Contract For Services	20,720	20,720	21,134	-	-	21,134	21,557	21,988	22,428	22,877
Consultant Expenses	20,400	20,400	20,808	-	-	20,808	21,224	21,649	22,082	22,523
<b>TOTAL OPERATING COSTS</b>	<b>125,095</b>	<b>125,095</b>	<b>128,700</b>	<b>-</b>	<b>-</b>	<b>128,700</b>	<b>132,112</b>	<b>135,605</b>	<b>138,948</b>	<b>142,623</b>
*Percentage Increase over prior year		0.0%	2.9%	0.0%	0.0%	2.9%	2.7%	2.6%	2.5%	2.6%
<u>CAPITAL / RESERVE</u>										
Transfer to Equipment Replacement Fund	-	-	-	-	-	-	-	-	-	-
Transfer to Operating Reserve Fund	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL / RESERVES	-	-	-	-	-	-	-	-	-	-
<b>TOTAL COSTS</b>	<b>125,095</b>	<b>125,095</b>	<b>128,700</b>	<b>-</b>	<b>-</b>	<b>128,700</b>	<b>132,112</b>	<b>135,605</b>	<b>138,948</b>	<b>142,623</b>
*Percentage Increase over prior year		0.0%	2.9%	0.0%	0.0%	2.9%	2.7%	2.6%	2.5%	2.6%
<b>FUNDING SOURCES (REVENUE)</b>										
<b>Surplus / (Deficit)</b>										
Balance C/F from Prior to Current year	-	-	-	-	-	-	-	-	-	-
Grants in Lieu of Taxes	(4,173)	(4,173)	(4,455)	-	-	(4,455)	(4,455)	(4,455)	(4,455)	(4,455)
Transfer From Operating Reserve	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUE	(4,173)	(4,173)	(4,455)	-	-	(4,455)	(4,455)	(4,455)	(4,455)	(4,455)
<b>REQUISITION</b>	<b>(120,922)</b>	<b>(120,922)</b>	<b>(124,245)</b>	<b>-</b>	<b>-</b>	<b>(124,245)</b>	<b>(127,657)</b>	<b>(131,150)</b>	<b>(134,493)</b>	<b>(138,168)</b>
*Percentage Increase over prior year	0.00%	0.00%	2.75%	0.00%	0.00%	2.75%	2.75%	2.74%	2.55%	2.73%
PARTICIPANTS: Central Saanich, North Saanich, Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Term	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**1.537 Saanich Peninsula - Stormwater Quality Mgmt**  
**Operating Reserve Summary**  
**2025 - 2029 Financial Plan**

**Profile**

**Saanich Peninsula - Stormwater Quality Mgmt**

Established by Bylaw No. 4147 to enable CRD services to set aside operating funds to cover cyclical expenditures, unforeseen operating expenses, special one-time operating projects, as well as to mitigate fluctuations in revenue.

**Operating Reserve Schedule**

Operating Reserve Schedule Fund: 1500 Fund Center: 105520	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
Projected year end balance						
Beginning Balance	93,222	96,780	96,780	96,780	96,780	96,780
Planned Purchase	-	-	-	-	-	-
Transfer from/to Ops Budget	-	-	-	-	-	-
Interest Income*	3,557	-	-	-	-	-
<b>Total projected year end balance</b>	<b>96,780</b>	<b>96,780</b>	<b>96,780</b>	<b>96,780</b>	<b>96,780</b>	<b>96,780</b>

\* 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.

# **CAPITAL REGIONAL DISTRICT**

## **2025 BUDGET**

### **Saanich Peninsula - Source Control Stormwater**

#### **Commission REVIEW**

OCTOBER 2024

**Service:** 1.538 Saanich Peninsula - Source Control Stormwater

**Commission:** Saanich Peninsula Waste Water

**DEFINITION:**

To regulate, prohibit and impose requirements in respect of discharges to the municipal stormwater system and water courses  
Bylaw No. 3906 (adopted August, 2013), amended by Bylaw No. 4140 (2016).

**SERVICE DESCRIPTION:**

The service provides a regulatory stormwater source control program in the Saanich Peninsula to manage stormwater quality in the municipal drainage systems.

**PARTICIPATION:**

Districts of Central Saanich, North Saanich and Town of Sidney.

**MAXIMUM LEVY:**

Maximum Levy: Greater of \$51,715 or \$0.005/\$1,000 of actual assessments.

**MAXIMUM CAPITAL DEBT:**

Nil

**COMMITTEE:**

Saanich Peninsula Wastewater

**FUNDING:**

The annual costs for the service, net of grants and other revenues, shall be apportioned on the basis of:

- a) The population of the participating areas; and
- b) The population estimate as determined annually by the Regional Planning Services department of the Capital Regional District.

**USER CHARGE:**

N/A

<b>Service: 1.538 Saanich Peninsula - Source Control Stormwater</b>	<b>Commission: Saanich Peninsula Waste Water</b>
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	<u>2024</u>
Central Saanich	42.54%
North Saanich	28.84%
Sidney	28.61%
<b>Total</b>	<b><u><u>100.00%</u></u></b>

Note:  
Bylaw No. 3906 (adopted August, 2013).

**APPENDIX A**

1.538 San Pen - Source Control Stormwater	BUDGET REQUEST						2026 TOTAL	2027 TOTAL	2028 TOTAL	2029 TOTAL
	2024 BOARD BUDGET	2024 ESTIMATED ACTUAL	2025 CORE BUDGET	2025 ONGOING	2025 ONE-TIME	2025 TOTAL				
<u>OPERATING COSTS:</u>										
Operating Expenditures	52,388	52,388	52,006	-	10,000	62,006	53,492	55,006	56,561	58,157
Contract For Services	6,875	6,875	9,092	-	-	9,092	9,265	9,459	9,649	9,841
<b>TOTAL OPERATING COSTS</b>	<b>59,263</b>	<b>59,263</b>	<b>61,098</b>	<b>-</b>	<b>10,000</b>	<b>71,098</b>	<b>62,757</b>	<b>64,465</b>	<b>66,209</b>	<b>67,999</b>
*Percentage Increase over prior year		0.0%	3.1%	0.0%	16.9%	20.0%	-11.7%	2.7%	2.7%	2.7%
<u>CAPITAL / RESERVE</u>										
Transfer to Operating Reserve Fund	-	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL / RESERVES	-	-	-	-	-	-	-	-	-	-
<b>TOTAL COSTS</b>	<b>59,263</b>	<b>59,263</b>	<b>61,098</b>	<b>-</b>	<b>10,000</b>	<b>71,098</b>	<b>62,757</b>	<b>64,465</b>	<b>66,209</b>	<b>67,999</b>
*Percentage Increase over prior year		0.0%	3.1%	0.0%	16.9%	20.0%	-11.7%	2.7%	2.7%	2.7%
<b>FUNDING SOURCES (REVENUE)</b>										
<b>Surplus / (Deficit)</b>										
Balance C/F from Prior to Current year	-	-	-	-	-	-	-	-	-	-
Grants in Lieu of Taxes	(1,653)	(1,653)	(1,763)	-	-	(1,763)	(1,763)	(1,763)	(1,763)	(1,763)
Transfer From Operating Reserve	(657)	(657)	(673)	-	(10,000)	(10,673)	(682)	(716)	(730)	(746)
TOTAL REVENUE	(2,310)	(2,310)	(2,436)	-	(10,000)	(12,436)	(2,445)	(2,479)	(2,493)	(2,509)
<b>REQUISITION</b>	<b>(56,953)</b>	<b>(56,953)</b>	<b>(58,662)</b>	<b>-</b>	<b>-</b>	<b>(58,662)</b>	<b>(60,312)</b>	<b>(61,986)</b>	<b>(63,716)</b>	<b>(65,490)</b>
*Percentage Increase over prior year		0.0%	3.0%	0.0%	0.0%	3.0%	2.8%	2.8%	2.8%	2.8%
PARTICIPANTS: Central Saanich, North Saanich, and Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Term	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**1.538 San Pen - Source Control Stormwater  
Operating Reserve Summary  
2025 - 2029 Financial Plan**

**Profile**

**San Pen - Source Control Stormwater**

Established by Bylaw No. 4147 to enable CRD services to set aside operating funds to cover cyclical expenditures (such as legal challenges and investigations), unforeseen operating expenses, special one-time operating projects, as well as to mitigate fluctuations in revenue.

**Operating Reserve Schedule**

Operating Reserve Schedule (Fund: 1500 / FC: 105521)	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
<b>Projected year end balance</b>						
Beginning Balance	58,108	59,669	48,996	48,314	47,598	46,867
Planned Purchase	(657)	(10,673)	(682)	(716)	(730)	(746)
Transfer from/to Ops Budget		-	-	-	-	-
Interest Income*	2,217	-	-	-	-	-
<b>Total projected year end balance</b>	<b>59,669</b>	<b>48,996</b>	<b>48,314</b>	<b>47,598</b>	<b>46,867</b>	<b>46,121</b>

\* 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.



# **CAPITAL REGIONAL DISTRICT**

## **2025 BUDGET**

### **L.W.M.P. (Peninsula)**

#### **Commission REVIEW**

OCTOBER 2024

Service: 3.720 L.W.M.P. (Peninsula)

Saanich Peninsula Wastewater Commission

**DEFINITION:**

Implementation of the Liquid Waste Management Plan for the Saanich Peninsula. Bylaw No. 2388 (1996), amended by Bylaw No. 2439 (1996) and Bylaw No. 3073 (2003)

**SERVICE DESCRIPTION:**

To manage the Saanich Peninsula Liquid Waste Management Plan (SPLWMP) and implement the commitments approved under the plan as required:

- planning, reporting, amendment preparation, implementation of commitments, biosolids management program, resource recovery development and inflow/infiltration enhancement program

**MAXIMUM LEVY:**

Greater of \$5,663,000 or \$1.56 / \$1,000 of actual assessments

**MAXIMUM CAPITAL DEBT:**

Nil

**COMMITTEE:**

Saanich Peninsula Wastewater Commission

**FUNDING:**

Requisition

**RESERVE FUND:**

Bylaw No. 4144 Operating Reserve Fund

<b>Service: 3.720 L.W.M.P. (Peninsula)</b>	<b>Saanich Peninsula Wastewater Commission</b>
--	--

	<u>Operating</u>
Central Saanich	42.90%
North Saanich (*see note below)	16.57%
Sidney	40.53%
<b>Total</b>	<b><u>100.00%</u></b>

Note:  
\* North Saanich taxes all of North Saanich, including the Airport, as LWMP benefits all of North Saanich, and not just the sewer area. (March 18, 2002)

**APPENDIX A**

3.720 - LWMP (PENINSULA)	BUDGET REQUEST						2026 TOTAL	2027 TOTAL	2028 TOTAL	2029 TOTAL
	2024 BOARD BUDGET	2024 ESTIMATED ACTUAL	2025 CORE BUDGET	2025 ONGOING	2025 ONE-TIME	2025 TOTAL				
<u>OPERATING COSTS:</u>										
Operating Expenditures	34,200	34,200	35,226	-	-	35,226	36,270	37,329	38,418	39,540
<b>TOTAL OPERATING COSTS</b>	<b>34,200</b>	<b>34,200</b>	<b>35,226</b>	<b>-</b>	<b>-</b>	<b>35,226</b>	<b>36,270</b>	<b>37,329</b>	<b>38,418</b>	<b>39,540</b>
*Percentage Increase over prior year		0.0%	3.0%	0.0%	0.0%	3.0%	3.0%	2.9%	2.9%	2.9%
<u>CAPITAL / RESERVE</u>										
Transfer to Operating Reserve Fund	23,222	23,222	23,964	-	-	23,964	24,057	24,159	24,254	24,339
TOTAL CAPITAL / RESERVES	23,222	23,222	23,964	-	-	23,964	24,057	24,159	24,254	24,339
<b>TOTAL COSTS</b>	<b>57,422</b>	<b>57,422</b>	<b>59,190</b>	<b>-</b>	<b>-</b>	<b>59,190</b>	<b>60,327</b>	<b>61,488</b>	<b>62,672</b>	<b>63,879</b>
*Percentage Increase over prior year		0.0%	3.1%	0.0%	0.0%	3.1%	1.9%	1.9%	1.9%	1.9%
<b>OPERATING COSTS LESS INTERNAL RECOVERIES</b>	<b>57,422</b>	<b>57,422</b>	<b>59,190</b>	<b>-</b>	<b>-</b>	<b>59,190</b>	<b>60,327</b>	<b>61,488</b>	<b>62,672</b>	<b>63,879</b>
*Percentage Increase over prior year		0.0%	3.1%	0.0%	0.0%	3.1%	1.9%	1.9%	1.9%	1.9%
<b>FUNDING SOURCES (REVENUE)</b>										
<b>Surplus / (Deficit)</b>										
Balance C/F from Prior to Current year	-	-	-	-	-	-	-	-	-	-
Grants in Lieu of Taxes	(2,208)	(2,208)	(2,320)	-	-	(2,320)	(2,320)	(2,320)	(2,320)	(2,320)
TOTAL REVENUE	(2,208)	(2,208)	(2,320)	-	-	(2,320)	(2,320)	(2,320)	(2,320)	(2,320)
<b>REQUISITION</b>	<b>(55,214)</b>	<b>(55,214)</b>	<b>(56,870)</b>	<b>-</b>	<b>-</b>	<b>(56,870)</b>	<b>(58,007)</b>	<b>(59,168)</b>	<b>(60,352)</b>	<b>(61,559)</b>
*Percentage Increase over prior year		0.0%	3.0%	0.0%	0.0%	3.0%	2.0%	2.0%	2.0%	2.0%
PARTICIPANTS: Central Saanich, North Saanich, Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Term	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.720 L.W.M.P. Peninsula  
Operating Reserve Summary  
2025 - 2029 Financial Plan**

**Profile**

**L.W.M.P. Peninsula**

Established by Bylaw No. 4144 to enable CRD services to set aside operating funds to cover cyclical expenditures, unforeseen operating expenses, special one-time operating projects, as well as to mitigate fluctuations in revenue.

**Operating Reserve Schedule**

Operating Reserve Schedule Fund: 1500 Fund Center: 105527	Estimate	Budget				
	2024	2025	2026	2027	2028	2029
Beginning Balance	193,985	224,609	248,573	272,630	296,789	321,043
Planned Purchase		-	-	-	-	-
Transfer from Ops Budget	23,222	23,964	24,057	24,159	24,254	24,339
Interest Income*	7,403	-	-	-	-	-
<b>Total projected year end balance</b>	<b>224,609</b>	<b>248,573</b>	<b>272,630</b>	<b>296,789</b>	<b>321,043</b>	<b>345,382</b>

**Assumptions/Background:**

Retain reserve balance for future LWMP planning projects.

\* 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.