



Making a difference...together

**MALIVIEW SEWER LOCAL SERVICES COMMISSION**  
Notice of Meeting on **Friday, October 15, 2021 at 12:30 PM**  
Salt Spring Island Library, 129 McPhillips Avenue, Salt Spring Island, BC

Gary Holman      Brian Travelbea      Laura Travelbea      Jodie Miller

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**AGENDA**

**1. Territorial Acknowledgement / Call Meeting to Order**

**2. Limited Space Meeting Resolution**

That this resolution applies to the Maliview Sewer Local Services Commission for the meeting being held on October 15, 2021, and that the attendance of the public at the place of the meeting will be limited in accordance with the applicable requirements or recommendations under the Public Health Act, despite the best efforts of the Commission because:

- a. The available meeting facilities cannot accommodate more than (20) people in person, including members of the Commission and staff, and
  - b. There are no other facilities presently available that will allow physical attendance of the Commission and the public in sufficient numbers;
- and

That the Commission is ensuring openness, transparency, accessibility and accountability in respect of the open meeting by the following means:

- a. By making the meeting agenda, as well as the other relevant documents, available on the CRD website, and directing interested persons to the website by means of the notices provided in respect of the meeting,
- b. By making the minutes of the meeting available on the CRD website following the meeting.

Zoom Link: <https://us06web.zoom.us/j/86963698657>

**3. Approval of Agenda**

**1-2**

**4. Adoption of the Minutes of October 29, 2020**

**3-4**

**5. Chair and Director Reports**

**6. New Business**

**6.1 2022 Operating and Capital Budget**

**5-20**

That the Maliview Sewer Local Services Commission:

- 1. Approve the 2022 operating and capital budget as presented and that the 2021 actual operating surplus or deficit be balanced on the 2021 transfer to Capital Reserve Fund transfer and,

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*To ensure quorum, advise Shayla Burnham 250 537 4448 if you cannot attend.*

EXEC-1295039085-2415

2. Recommend that the Electoral Area Services Committee recommend that the CRD Board approve the 2022 operating and capital budget and the five-year Financial Plan for the Maliview Estates Sewerage Local Service as presented.

**7. Outstanding Business - None**

**8. Adjournment**



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**Minutes of the Maliview Sewer Services Commission  
Held Thursday October 29, 2020, Lions Hall, 103 Bonnet Ave, Salt Spring Island, BC**

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**DRAFT**

**Present:** **Commission Members:** Laura Travelbea, Brian Travelbea, Director Holman  
**Staff:** Karla Campbell, Senior Manager; Allen Xu, Manager Engineering; Matt McCrank, Senior Manager, Wastewater Infrastructure Operations; Dan Robson, Manager, Saanich Peninsula and Gulf Islands Operations; Lia Xu, Manager, Finance Services; Tracey Shaver, Recording Secretary.

**1. Territorial Acknowledgement / Call Meeting to Order**

Chair L. Travelbea called the meeting to order at 10:11 am with a Territorial Acknowledgement.

**2. Limited Space Meeting Resolution**

**MOVED** by Commissioner B. Travelbea, **SECONDED** by Director Holman,  
That this resolution applies to the Maliview Sewer Service Commission for the meeting being held on October 29, 2020, and that the attendance of the public at the place of the meeting will be limited in accordance with the applicable requirements or recommendations under the Public Health Act, despite the best efforts of the Commission because:

- a. The available meeting facilities cannot accommodate more than (30) people in person, including members of the Commission and staff, and
- b. There are no other facilities presently available that will allow physical attendance of the Commission and the public in sufficient numbers; and

That the Commission is ensuring openness, transparency, accessibility and accountability in respect of the open meeting by the following means:

- a. By making the meeting agenda, as well as the other relevant documents, available on the CRD website, and directing interested persons to the website by means of the notices provided in respect of the meeting,
- b. By making the minutes of the meeting available on the CRD website following the meeting.

**CARRIED**

**2. Approval of Agenda**

**MOVED** by Commissioner L. Travelbea, **SECONDED** by B. Travelbea,  
That the meeting agenda of October 29, 2020 for the Maliview Sewer Service Commission be approved.

**CARRIED**

**3. Adoption of Minutes of October 22, 2020**

**MOVED** by Commissioner B. Travelbea, **SECONDED** by Director Holman,  
That the Maliview Sewer Service Commission meeting minutes from October 22, 2020 be approved.

**CARRIED**

**4. Chair and Director Report – no reports**

**5. New Business**

**5.1 2021 OPERATING AND CAPITAL BUDGET**

- Water consumption is captured by meters and then sewer fees are based on amount of water consumption.
- Informal dwellings are contributing to sewer based on water consumption from property.
- Increase to consumption fees could lower revenue as property owners may increase efforts to conserve water.

**MOVED** by Commissioner B. Travelbea, **SECONDED** by Director Holman, That the Highland Water and Sewer (Maliview) Services Commission approve the 2021 operating and capital budget as presented and recommend that the 2020 actual operating deficit be balanced on the transfer from Operating Reserve Fund and be carried forward to the 2021 budget to be recovered from the User Charge;

**CARRIED**

**MOVED** by Commissioner B. Travelbea, **SECONDED** by Director Holman, Recommend that the Electoral Area Services Committee recommend that the CRD Board approve the 2021 operating and capital budget and the five year Financial Plan for the Maliview Estates Sewerage Local Service as presented.

**CARRIED**

**5.2 Bylaw 4371 – Salt Spring Island Water, Sewer, and Liquid Waste Disposal Commission Bylaw No. 1, 2010, Amendment No. 1 2020**

- House-keeping change to separate out Maliview Sewer from the Fernwood/Highland water service.

**MOVED** by Commissioner B. Travelbea, **SECONDED** by Director Holman, The Fernwood Water Local Service Commission and the Highland Water and Sewer Services Commission recommends that the Electoral Areas Committee recommends to the Capital Regional District Board:

1. That Bylaw 4371, "Salt Spring Island Water, Sewer, and Liquid Waste Disposal Commission Bylaw No. 1, 2010, Amendment No. 1, 2020" be introduced and read a first, second, and third time.
2. That Bylaw 4371 be adopted.

**CARRIED**

**6. Outstanding Business**

Correspondence from M. Iverson dated October 20, 2020 received and reviewed by Commission. Staff to provide response.

**7. Next Meeting-TBA**

**8. Adjournment**

**MOVED** by Commissioner L. Travelbea, **SECONDED** by B. Travelbea, That the meeting be adjourned at 10:42 am.

**CARRIED**

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**CHAIR**

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**SENIOR MANAGER**



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**REPORT TO MALIVIEW LOCAL AREA SERVICES COMMISSION  
MEETING OF FRIDAY, OCTOBER 15, 2021**

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**SUBJECT 2022 Operating and Capital Budget**

**ISSUE SUMMARY**

To present the 2022 operating and capital budget. In accordance with Bylaw No 3693, "Maliview Estates Sewerage Local Service Establishment bylaw No.1, 1991" the Commission's approval of the annual budget is required.

**BACKGROUND**

The Capital Regional District (CRD) is required by legislation under the *Local Government Act* (LGA) to prepare an annual operating and capital budget and 5-year financial plan including Operating Budgets and Capital Expenditure Plans annually. CRD staff have therefore, prepared the financial plan shown in Appendix A to this report for the Maliview Sewer Local Service.

The Operating Budget includes the regular annual costs to operate the service. The Capital Expenditure Plan shows the anticipated expenditures for capital additions. These may include purchases of new assets or infrastructure, upgrades or improvements to existing assets or asset review and study work potentially leading to future capital improvements.

In preparing the Operating Budget, CRD staff considered:

1. Actual expenditures incurred between 2019 and 2021
2. Anticipated changes in level of service (if any)
3. Maximum allowable tax requisition
4. Annual Cost per taxpayer and per SFE

Factors taken into consideration in the preparation of the Capital Expenditure Plan included:

1. Available funds on hand
2. Projects already in progress
3. Condition of existing assets and infrastructure
4. Regulatory, environmental, and health and safety factors.

Adjustments for surpluses or deficits from 2021 may be made in January 2022. The CRD Board will give final approval to the budget and financial plan in March 2022.

The Financial Plan for the years 2023 – 2026 may be changed in future years.

**BUDGET OVERVIEW**

***Operating Budget***

It is projected that operating expenses in 2021 will be slightly over budget by \$295. It is projected that the operating revenue in 2021 will be approximately \$2,750 below budget. The lower revenue is due primarily to lower sewer sales revenue which is contingent on household water sales.

The debt costing will be \$4,690 below the budget since the planned new borrowing of \$300,000 in 2021 is deferred to 2022. As a result, there is an overall estimated operating surplus of \$1,645. In order to balance the operating budget, the actual 2021 result can be balanced with 2021 transfer to Capital Reserve Fund.

The 2022 gross operating costs has been increased by \$5,411 (3.7%) over 2021. The increase is primarily to account for core inflation and labour charges. The 2022 operating budget also includes a \$7,000 expenditure to perform an outfall inspection funded by the Operating Reserve Fund.

***Municipal Finance Authority (MFA) Debt***

Loan Authorization Bylaw 2991 to borrow up to \$65,500 was approved and adopted in 2004 for improving the works and services of the sewerage system. Table 1 below summarizes the detailed information for existing MFA debt issue related to LA2991.

***Table 1 – Existing Debt Summary***

MFA Issues	Term	Borrowing Year	Retirement Year	Refinance Year	Original Interest Rate	Current Interest Rate	Principal	Principal Payment	Interest Payment	Total Annual Debt Cost
LA2991-099	15	2006	2021	2017	4.43%	1.75%	\$24,000	\$1,199	\$420	\$1,619

***Operating Reserve Fund***

The Operating Reserve Fund is used to undertake maintenance activities that typically do not occur on an annual basis. Typical maintenance activities include outfall inspection, bio-filter media replacement and sanitary collection system flushing and inspections. The operating reserve also funds the procurement of equipment and supplies that are not purchased on an annual basis. Additionally, the operating reserve could be used for emergency unplanned repairs.

It is proposed that transfers to the operating reserve starting 2022 be increased from \$12,000 to \$13,000. The increase will ensure maintenance activities are funded while maintaining an adequate balance in the reserve. There is \$47,000 of planned maintenance to be funded by the Operating Reserve over the next five years. This includes sanitary sewer system flush in 2022 and inspection scheduled in 2024.

The Operating Reserve Fund balance at the end of 2021 is projected to be \$13,943.

***Capital Reserve Fund***

The Capital Reserve Fund is to be used to pay for capital expenditures that are not funded by other sources such as grants, operating budget or debt.

It is proposed that the transfer to Capital Reserve Fund be set at \$49,515 in 2022. The reserve fund transfer planning process is influenced by the funding requirement to support the five-year

capital expenditure plan and guided by *Capital Reserve Funding Guidelines* endorsed by the CRD Board in aiming to achieve the optimal reserve fund level to ensure long-term prudent and sustainable management of service delivery objectives through capital investments. Factors are also taken into consideration in planning the reserve transfer for 2022, including the contingency for significant capital projects planned for 2022-2023 and the overall capacity from multiple revenue sources to fund the service.

The balance at the end of 2021 is projected to be approximately \$27,035.

**Capital Expenditure Plan**

The 5-year plan includes \$2,251,000 of expenditures to be funded by a combination of Capital Reserve Fund, debt, and grant.

The Maliview WWTP project is to be funded by new debt (\$2,210,000 in total) through the new Loan Authorization Bylaw if approved by the electors in the community. The details on the project upgrade and loan authorization process are found under separate staff reports presented to the Commission on October 22, 2020. New borrowing of \$300,000 in 2022 and \$1,910,000 in 2023 were planned based on the high-level cash flow projection to fund the project.

Table 2 below provides the future debt servicing cost simulation for analytical purposes with the indicative interest rate provided by MFA at the time of simulation. The debt simulation is based on project estimates provided at the time of preliminary designs and are subject to change upon revised estimates upon completion of detailed designs.

**Table 2 – Future Debt Simulation**

Future Borrowing(s) Estimation	Term	Borrowing Year	Retirement Year	Refinance Year	Estimated Interest Rate	Principal	Principal Payment	Interest Payment	Total Annual Debt Cost
	20	2022	2042	2032	2.24%	\$300,000	\$12,657	\$6,720	\$19,377
	20	2023	2043	2033	3.10%	\$955,000	\$38,336	\$29,605	\$67,941
	20	2023	2043	2033	3.10%	\$955,000	\$38,336	\$29,605	\$67,941
<b>Total</b>						<b>\$2,210,000</b>	<b>\$89,329</b>	<b>\$65,930</b>	<b>\$155,259</b>

At the commencement of each loan, 1% of the gross amount borrowed is withheld and retained by MFA as Debt Reserve Fund (DRF). In order to provide the gross amount to fund the capital project, this 1% DRF amount is budgeted in operating budget in the year of borrowing. However, there is no principal payment required in the year of borrowing.

**Capital Project Fund**

As specific capital projects are approved, the funding revenues for them are transferred into this Capital Project Fund from multiple funding sources if applicable, including Capital Reserve Funds (CRF), grant funding, external contribution and debt. Any funds remaining upon completion of a project will be transferred back to its original funding source(s).

**User Charge and Parcel Tax**

The service is funded by Parcel Tax, fixed user charge and sewer use consumption charge. The sewer use charge of \$1.75/m<sup>3</sup> is unchanged from 2020. Table 3 below summarizes 2022 over 2021 changes for parcel tax and user charge.

**Table 3 – Parcel Tax and User Charge Summary**

Budget Year	Parcel Tax	Taxable Folios Numbers	Parcel Tax per Folio*	User Charge	SFE Numbers	User Charge per Residential Customer	Parcel Tax & User Charge
<b>2021</b>	\$4,670	94	\$52.29	\$180,753	100	\$1,807.53	\$1,859.82
<b>2022</b>	\$4,760	94	\$53.30	\$182,673	100	\$1,826.73	\$1,880.03
<b>Change (\$)</b>	\$90	0	\$1.01	\$1,920	0	\$19.20	\$20.21
<b>Change (%)</b>	1.93%	0.00%	1.93%	1.06%	0.00%	1.06%	1.09%

\*Includes 5.25% admin fee charged by the Ministry of Finance (not CRD revenue)

**RECOMMENDATION**

That the Maliview Sewer Local Services Commission:

1. Approve the 2022 operating and capital budget as presented and that the 2021 actual operating surplus or deficit be balanced on the 2021 transfer to Capital Reserve Fund transfer and,
2. Recommend that the Electoral Area Services Committee recommend that the CRD Board approve the 2022 operating and capital budget and the five-year Financial Plan for the Maliview Estates Sewerage Local Service as presented.

Submitted by	Karla Campbell, BPA, Senior Manager, Salt Spring Island Electoral Area
Submitted by	Matthew McCrank, MSc., P.Eng., Senior Manager, Infrastructure Operations
Submitted by	Rianna Lachance, BCom, CPA, CA, Senior Manager, Financial Services
Concurrence	Robert Lapham, MCIP, RPP, Chief Administrative Officer

KC/MMc/RL/:sb

Attachment: 2022 Maliview Sewer Utility – Commission Review October 2021

# **CAPITAL REGIONAL DISTRICT**

## **2022 Budget**

### **Maliview Sewer Utility (SSI)**

#### **Commission Review**

OCTOBER 2021

**Service:** 3.820 Maliview Sewer Utility (SSI)

**Committee:** Electoral Area

**DEFINITION:**

To operate and maintain a sewage collection and disposal system for the Maliview Estates Sewage Collection and disposal System Specified Area on Salt Spring Island (Local Service Establishment Bylaw No. 1938, October 23, 1991)

**PARTICIPATION:**

Maliview Estates - G(764) LSA#12

**MAXIMUM LEVY:**

Greater of \$20,000 or \$2.50 / \$1,000 on actual assessed value of land and improvements. To a maximum of \$110,665.

**MAXIMUM CAPITAL DEBT:**

AUTHORIZED:	LA Bylaw No. 2991	65,500
BORROWED:	Bylaw No. 3196 (Aug 2004)	(40,982)
	Bylaw No. 3364 (Aug 2006)	(24,000)
	Expired	(518)
REMAINING:		<u><u>\$0</u></u>

**COMMITTEE:**

Highland Water & Sewer Services Committee (Maliview)

**FUNDING:**

Any deficiencies after user charge and/or frontage tax or parcel tax to be levied on taxable school assessments, excluding property that is taxable for school purposes on by Special Act.

**User Charge:** Annual Fixed Fee per water service connection

**Parcel Tax:** Annual, levied only on properties capable of being connected to the system.

**Consumption Charge:** \$1.75 per cubic meter of total water provided or delivered to the building served by the sewer connection to the CRD Highland Water System

**Connection Charge:** Actual cost to connect

**RESERVE FUND:**

Maliview Estates Sewerage System Capital Reserve Fund, Bylaw No. 1499 (Dec. 17, 1986)

**3.820 - Malview Estates Sewer System**

	2021		BUDGET REQUEST				FUTURE PROJECTIONS			
	BOARD BUDGET	ESTIMATED ACTUAL	CORE BUDGET	ONGOING	ONE-TIME	TOTAL	2023	2024	2025	2026
<b>OPERATING COSTS</b>										
Sludge Hauling Contracts	23,000	27,000	23,460	-	-	23,460	23,930	24,410	24,900	25,400
Screenings, Grit & Waste Sludge Disposal	36,000	40,800	36,720	-	-	36,720	37,450	38,200	38,960	39,740
Repairs & Maintenance	7,810	7,110	3,820	-	7,000	10,820	3,890	43,960	4,030	4,100
Allocations	19,672	19,672	21,422	-	-	21,422	21,834	22,198	22,713	23,086
Electricity	3,200	3,200	3,260	-	-	3,260	3,330	3,400	3,470	3,540
Water	1,350	1,100	1,380	-	-	1,380	1,410	1,440	1,470	1,500
Supplies	1,120	910	1,140	-	-	1,140	1,160	1,180	1,200	1,220
Labour Charges	44,135	39,240	45,026	-	-	45,026	45,956	46,856	47,817	48,753
Other Operating Expenses	8,690	6,240	9,160	-	-	9,160	9,390	9,620	9,860	10,100
<b>TOTAL OPERATING COSTS</b>	<b>144,977</b>	<b>145,272</b>	<b>145,388</b>	<b>-</b>	<b>7,000</b>	<b>152,388</b>	<b>148,350</b>	<b>191,264</b>	<b>154,420</b>	<b>157,439</b>
*Percentage Increase over prior year										
<b>DEBT/RESERVES</b>										
Transfer to Capital Reserve Fund	26,570	28,215	49,515	-	-	49,515	25,000	5,000	8,400	12,000
Transfer to Operating Reserve Fund	12,000	12,000	13,000	-	-	13,000	13,000	13,000	13,000	13,000
Debt Reserve Fund	3,010	-	3,000	-	-	3,000	19,100	-	-	-
MFA Principal Payment	1,199	1,199	-	-	-	-	12,657	89,329	89,329	89,329
MFA Interest Payment	2,100	420	1,680	-	-	1,680	36,325	65,930	65,930	65,930
<b>TOTAL DEBT / RESERVES</b>	<b>44,879</b>	<b>41,834</b>	<b>67,195</b>	<b>-</b>	<b>-</b>	<b>67,195</b>	<b>106,082</b>	<b>173,259</b>	<b>176,659</b>	<b>180,259</b>
<b>TOTAL COSTS</b>	<b>189,856</b>	<b>187,106</b>	<b>212,583</b>	<b>-</b>	<b>7,000</b>	<b>219,583</b>	<b>254,432</b>	<b>364,523</b>	<b>331,079</b>	<b>337,698</b>
<b>FUNDING SOURCES (REVENUE)</b>										
Balance Carry Forward from 2020 to 2021 - Deficit	27,727	27,727	-	-	-	-	-	-	-	-
Transfer from Operating Reserve Fund	(5,000)	(5,000)	-	-	(7,000)	(7,000)	-	(40,000)	-	-
Sales - Sewer Use	(27,000)	(24,250)	(25,000)	-	-	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)
User Charges	(180,753)	(180,753)	(182,673)	-	-	(182,673)	(223,282)	(289,373)	(294,929)	(300,546)
Other Revenue	(160)	(160)	(150)	-	-	(150)	(150)	(150)	(150)	(150)
<b>TOTAL REVENUE</b>	<b>(185,186)</b>	<b>(182,436)</b>	<b>(207,823)</b>	<b>-</b>	<b>(7,000)</b>	<b>(214,823)</b>	<b>(248,432)</b>	<b>(354,523)</b>	<b>(320,079)</b>	<b>(325,698)</b>
<b>REQUISITION - PARCEL TAX</b>	<b>(4,670)</b>	<b>(4,670)</b>	<b>(4,760)</b>	<b>-</b>	<b>-</b>	<b>(4,760)</b>	<b>(6,000)</b>	<b>(10,000)</b>	<b>(11,000)</b>	<b>(12,000)</b>
*Percentage Increase over prior year										
Sales							0.0%	0.0%	0.0%	0.0%
User Fees							22.2%	29.6%	1.9%	1.9%
Requisition							26.1%	66.7%	10.0%	9.1%
<b>Combined</b>							<b>19.7%</b>	<b>27.6%</b>	<b>2.0%</b>	<b>2.0%</b>

**Maliview Estates Sewer System  
 Summary Schedule  
 2022 - 2026 Financial Plan**

**Reserve/Fund Summary**

	Estimated		Budget			
	2021	2022	2023	2024	2025	2026
Operating Reserve Fund	13,943	19,943	32,943	5,943	18,943	31,943
Capital Reserve Fund	27,035	76,550	101,550	97,550	105,950	117,950
<b>Total</b>	<b>40,979</b>	<b>96,494</b>	<b>134,494</b>	<b>103,494</b>	<b>124,894</b>	<b>149,894</b>

**Reserve Schedule**

**Reserve Fund: 3.820 Maliview Sewer Utility (SSI) - Operating Reserve Fund - Bylaw 4144**

Reserve fund used for: unforeseen operational repairs and maintenance; infrequent maintenance activities such as treatment facility tankage cleaning and inspection, collection system flushing and inspection, outfall inspection etc. Optimum minimum balance of \$10,000 (approximately 10%) of the annual operating budget.

**Reserve Cash Flow**

Fund: 1500 Fund Centre: 105211	Estimated	Budget				
	2021	2022	2023	2024	2025	2026
<b>Beginning Balance</b>	6,848	13,943	19,943	32,943	5,943	18,943
<b>Transfer from Ops Budget</b>	12,000	13,000	13,000	13,000	13,000	13,000
<b>Transfer from Cap Fund</b>	-	-	-	-	-	-
<b>Expenditures</b>	(5,000)	(7,000)	-	(40,000)	-	-
Planned Maintenance Activity	Biofilter media replacement	Outfall inspection		Sanitary sewer system flushing and inspections		
<b>Interest Income*</b>	95					
<b>Ending Balance \$</b>	<b>13,943</b>	<b>19,943</b>	<b>32,943</b>	<b>5,943</b>	<b>18,943</b>	<b>31,943</b>

**Assumptions/Background:**

\*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.

**Reserve Schedule**

**Reserve Fund: 3.820 Maliview Sewer Utility (SSI) - Capital Reserve Fund - Bylaw 1499**

Surplus money from the operation of the sewerage system may be paid from time to time into the reserve fund.

**Reserve Cash Flow**

Fund: Fund Centre: 1041 101385	Estimated	Budget				
	2021	2022	2023	2024	2025	2026
Beginning Balance	45,570	27,035	76,550	101,550	97,550	105,950
Transfer from Ops Budget	28,215	49,515	25,000	5,000	8,400	12,000
Transfer from Cap Fund	-	-	-	-	-	-
Transfer to Cap Fund	(47,000)	-	-	(9,000)	-	-
Interest Income*	250					
<b>Ending Balance \$</b>	<b>27,035</b>	<b>76,550</b>	<b>101,550</b>	<b>97,550</b>	<b>105,950</b>	<b>117,950</b>

**Assumptions/Background:**

\* 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  
FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2022 to 2026**

Service No.	3.820	Carry Forward from 2021	2022	2023	2024	2025	2026	TOTAL
<b>EXPENDITURE</b>								
Buildings		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineered Structures		\$0	\$300,000	\$1,910,000	\$41,000	\$0	\$0	\$2,251,000
Vehicles		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		<b>\$0</b>	<b>\$300,000</b>	<b>\$1,910,000</b>	<b>\$41,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,251,000</b>
<b>SOURCE OF FUNDS</b>								
Capital Funds on Hand		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt (New Debt Only)		\$0	\$300,000	\$1,910,000	\$0	\$0	\$0	\$2,210,000
Equipment Replacement Fund		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants (Federal, Provincial)		\$0	\$0	\$0	\$32,000	\$0	\$0	\$32,000
Donations / Third Party Funding		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Fund		\$0	\$0	\$0	\$9,000	\$0	\$0	\$9,000
		<b>\$0</b>	<b>\$300,000</b>	<b>\$1,910,000</b>	<b>\$41,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,251,000</b>



Service:

3.820

Malview Sewer Utility (SSI)

<b>Project Number</b>	21-03	<b>Capital Project Title</b>	Wastewater Treatment Plant Upgrade	<b>Capital Project Description</b>	Upgrading current RBC process WWTP to MBBR process to meet regulatory requirements
<b>Project Rationale</b>	Current RBC system can not consistently meet regulatory requirement and have been warned by both federal and provincial regulators in 2019 regarding effluent noncompliance.				

<b>Project Number</b>	22-02	<b>Capital Project Title</b>	Collection system repairs	<b>Capital Project Description</b>	Replacement/repair of collection pipe and manholes.
<b>Project Rationale</b>	The current collection systems are aged and failing need to be replaced. This is the initial phase.				

<b>Project Number</b>	23-01	<b>Capital Project Title</b>	SAMP Development	<b>Capital Project Description</b>	Develop an asset management plan for
<b>Project Rationale</b>	This service has no up-to-date asset management plan				

### 3.820 - Maliview Estates Sewer System

#### Capital Projects

Updated @ Sep 15th, 2021

Year	Project#	Status	Capital Project Description	Total Project Budget	Expenditure Actuals	Remaining Funds
2019	CE.699	CLOSE	Safe Work Procedures	7,000	6,330	670
2020	CE.745	CLOSE	Outfall Emergency Enhancements- Concrete Ballast	51,000	48,804	2,196
2019/21	CE.582	OPEN	Maliview Sewer WWTP Upgrade Design (19-04)	315,520	68,660	246,860
2021	CE.754	OPEN	Maliview WWTP Public Consultation	10,000	2,569	7,431
				<b>383,520</b>	<b>126,363</b>	<b>257,157</b>

Service:

3.820 Maliview Sewer Utility (SSI)

Committee: Electoral Area

<u>Year</u>	<u>Taxable Folios</u>	<u>Parcel Tax Per Folio</u>	<u>Connections</u>	<u>User Charge Per Connection</u>	<u>Total Tax &amp; Charges</u>	<u>Actual</u>	
						<u>Bylaw</u>	<u>Assessments \$(000's)</u>
2010	94	\$322.88	94	\$346.73	\$669.61	3688	\$13,972.20
2011	94	\$322.88	94	\$346.73	\$669.61	3777	\$32,867.50
2012	94	\$322.86	95	\$400.00	\$722.86	3822	\$28,962.20
2013	94	\$322.86	95	\$400.00	\$722.86	3891	\$28,343.50
2014	94	\$322.86	95	\$532.84	\$855.70	3993	\$26,858.10
2015	94	\$330.42	95	\$632.84	\$963.26	3993	\$26,865.60
2016	94	\$0.00	95	\$1,163.26	\$1,163.26	4073	\$27,627.00
2017	94	\$0.00	95	\$1,163.26	\$1,163.26	4172	\$32,615.60
2018	94	\$0.00	101	\$1,183.05	\$1,183.05	4236	\$37,111.50
2019	94	\$0.00	101	\$1,183.05	\$1,183.05	4273 & 4311	\$40,951.50
2020	94	\$0.00	101	\$1,215.15	\$1,215.15	4339	\$45,737.50
2021	94	\$52.29	100	\$1,807.53	\$1,859.82		
2022	94	\$53.30	100	\$1,826.73	\$1,880.03		

Change from 2021 to 2022

\$1.01  
2%

\$19.20  
1.06%

\$20.21  
1.09%

## Maliview Sewer Funding Analysis 2018-2022

