



Making a difference...together

MALIVIEW SEWER LOCAL SERVICES COMMISSION

Notice of Meeting on **Monday, October 17, 2022 at 12:30 PM**

Creekside Meeting Room, #108-129 McPhillips Avenue, Salt Spring Island, BC

Gary Holman

Laurel Travelbea

Brian Travelbea

Jodie Miller

Zoom: <https://us06web.zoom.us/j/89959548654?pwd=dURmbiVLV2J4V2NlVVd1Zjd1VWdsUT09>

AGENDA

1. Territorial Acknowledgement / Call Meeting to Order

2. Approval of Agenda

1

3. Adoption of the Minutes of October 15, 2021

2-4

4. Chair and Director Reports

5. New Business

5.1 2023 Operating and Capital Budget

5-20

That the Maliview Sewer Local Services Commission:

1. Approve the 2023 operating and capital budget as presented and that the 2022 actual operating surplus or deficit be balanced on the 2022 Reserve Funds transfer (CRF and/or ORF).
2. Recommend that the Electoral Area Committee recommend that the CRD Board approve the 2023 operating and capital budget and the five-year Financial Plan for the Maliview Estates Sewerage Local Service as presented.

6. Outstanding Business – None

7. Next Meeting – TBD

8. Adjournment



Making a difference...together

**Minutes of the Maliview Sewer Local Services Commission Budget Meeting
Held October 15, 2021 at the Salt Spring Island Library Meeting Room, 129 McPhillips
Avenue, Salt Spring Island, BC**

DRAFT

Present: **Director:** Gary Holman
Commission Members: Laura Travelbea, Brian Travelbea, and Jodie Miller
Staff: Dean Olafson, Manager Engineering; Lia Xu, Manager, Finance Services; Dan Robson, Manager, Saanich Peninsula and Gulf Islands Operations; and Shayla Burnham, Recording Secretary

1. Territorial Acknowledgement / Call Meeting to Order

Territorial Acknowledgement was provide by Commissioner L. Travelbea and the meeting was called to order at 12:34 pm.

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,

By making the minutes of the meeting available on the CRD website following the meeting.

MOVED by Commissioner B. Travelbea, **SECONDED** by Commissioner Miller, that the limited space meeting resolution be approved.

CARRIED

3. Approval of Agenda

MOVED by Commissioner B. Travelbea, **SECONDED** by Commissioner Miller, that the Maliview Sewer Local Services Commission agenda of October 15, 2021 be approved.

CARRIED

4. Adoption of the Minutes of October 29, 2020

MOVED by Commissioner B. Travelbea, **SECONDED** by Commissioner Miller, that the Maliview Sewer Local Services Commission approve the meeting minutes of October 29, 2020.

CARRIED

5. Chair and Director Reports

Director Holman briefly reported:

- Provisional Budget to be approved by October 27, 2021 and Final Budget to be approved in March 2022.

Chair L Tavelbea – No report.

6. New Business

6.1 2022 Operating and Capital Budget

- Borrowed debt from 2006 was retired in 2021.
- New debt planned for 2022.
- Staff confirmed the Operating Reserve Fund is a multiuse fund and can be used for unplanned expenditures.
- Concern was expressed for the age of the current system.
- Staff confirmed the Operating Reserve Fund is low and informed the Commission on the importance of gradually building the fund back up.

Director Holman left the meeting at 1:10 pm.

- Possible grant funding opportunities discussed.

MOVED by Commissioner L. Travelbea, **SECONDED** by Commissioner B. Travelbea, that the Maliview Sewer Local Services Commission 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.

CARRIED

MOVED by Commissioner L. Travelbea, **SECONDED** by Commissioner B. Travelbea, that the Maliview Sewer Local Services Commission 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.

CARRIED

7. Outstanding Business – None

8. Adjournment

MOVED by Commissioner L. Travelbea, **SECONDED** by Commissioner Miller, that the meeting be adjourned at 1:33 pm.

CARRIED

CHAIR

SENIOR MANAGER

**REPORT TO MALIVIEW LOCAL AREA SERVICES COMMISSION
MEETING OF MONDAY, OCTOBER 17, 2022**

SUBJECT 2023 Operating and Capital Budget

ISSUE SUMMARY

To present the 2023 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 2020 and 2022
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 2022 may be made in January 2023. The CRD Board will give final approval to the budget and financial plan in March 2023.

The Financial Plan for the years 2024 – 2027 may be changed in future years.

BUDGET OVERVIEW

Operating Budget

It is projected that operating expenses in 2022 will be approximately \$12,067 over budget. Factors contributing to the operating overage include emergency response and corrective maintenance primarily due to the following events:

- Wastewater Treatment Plant

- Equipment failures and repairs that occurred on Feb 6 (Rotating Biological Contactor gear box failure) and August 17 (primary clarifier transfer pump failure) resulting in untreated effluent being discharged to the environment through the outfall. As a further result, environmental incident reporting to provincial and federal regulators was required and additionally issuing a public service announcements of public beach closures were completed.
- Primary clarifier equipment repairs
- Sewer lateral repair at 215 Maliview Drive

The debt servicing cost will be \$4,680 below the budget since the planned new borrowing of \$300,000 in 2022 is now deferred to 2023.

It is projected that the 2022 operating revenue will be approximately \$1,500 below budget due primarily to lower sewer sales revenue which is contingent on household water sales.

As a result, there is an overall estimated operating deficit of \$8,887. To balance the operating budget, it is proposed that the 2022 transfer to the Capital Reserve Fund be reduced by the actual deficit amount. This reduced reserve transfer results in a deficiency within the reserve funding level, which will require replenishment in 2023 and future years' planning. Otherwise, the operating deficiency in 2022 must immediately be included as an expenditure to be recovered from revenue in the 2023 financial plan as required by *Local Government Act* Section 374(11).

The 2023 core to core over 2022 operating costs (excluding 2022 one-time cyclical program funded by ORF) has been increased by \$5,701 (3.9%) over 2022. The increase is primarily to account for inflation and increased labour charges.

Increased labour charges are a result of the addition of a dedicated 'on-island' Manager of Operations that will be based on Salt Spring Island and have operational oversight of all CRD local services on Salt Spring Island and Southern Gulf Islands. The total labour cost for this position will be cost shared among 14 local utility services on SSI and SGI. The primary drivers for this role are to address regulatory requirements, workload management, capital project coordination and integration and to provide additional oversight and support to worker health and safety.

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 related to LA2991. This debt issue was fully retired in 2021. Currently, there is no existing outstanding debt for this service.

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.

The Biofilter Media Replacement for \$5,000 initially budgeted and fully approved for 2021 was deferred and carried over to 2022 due to timing of the project. The work has been completed in 2022 funded from ORF as initially planned and approved.

It is proposed that transfers to the Operating Reserve Fund be set at \$13,000 in 2023 to ensure maintenance activities are fully funded while maintaining an optimal balance in the reserve. There is \$40,000 of planned maintenance to be funded by the Operating Reserve over the next five years. This includes a sanitary sewer system flush scheduled in 2024.

The Operating Reserve Fund balance at the end of 2022 is projected to be \$30,442.

Capital Reserve Fund

The Capital Reserve Fund (CRF) 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 \$39,650 in 2023. The reserve fund transfer planning is influenced by the funding required to support the five-year capital expenditure plan, the emergency response to infrastructure failures 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.

The balance at the end of 2022 is projected to be approximately \$69,504.

Capital Expenditure Plan

The 5-year plan includes \$2,371,000 of expenditures to be funded by a combination of Capital Reserve Fund, debt, and grant.

The Maliview WWTP upgrade is projected to be funded by new debt (\$221,000 subject to final designs and revised cost estimates) through the new Loan Authorization Bylaw if approved by the electors in the community; and grant funding in the amount of \$1,989,000 from Infrastructure Canada. One (1) new project was added to the 2023-2027 Capital Plan: Inflow and Infiltration Program (23-02) - \$120,000 funded by debt.

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

<i>Future Borrowing(s) Estimation</i>	<i>Term</i>	<i>Borrowing Year</i>	<i>Retirement Year</i>	<i>Estimated Interest Rate</i>	<i>Principal</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Total Annual Debt Cost</i>
	25	2023	2048	4.60%	\$341,000	\$9,983	\$15,686	\$25,669

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. The estimated debt servicing cost of \$25,669 equates to approximately \$270 cost per parcel.

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/m³ is unchanged from 2022. Table 3 below summarizes 2023 over 2022 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
2022	\$4,760	94	\$53.30	\$182,670	100	\$1,826.70	\$1,880.00
2023	\$4,900	94	\$54.86	\$188,861	100	\$1,888.61	\$1,943.47
Change (\$)	\$140	0	\$1.56	\$6,191	0	\$61.91	\$63.47
Change (%)	2.94%	0.00%	2.93%	3.39%	0.00%	3.39%	3.38%

*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 2023 operating and capital budget as presented and that the 2022 actual operating surplus or deficit be balanced on the 2022 Reserve Funds transfer (CRF and/or ORF).
2. Recommend that the Electoral Area Committee recommend that the CRD Board approve the 2023 operating and capital budget and the five-year Financial Plan for the Maliview Estates Sewerage Local Service as presented.

Submitted by:	Karla Campbell, MBA, BPA, Senior Manager, Salt Spring Island Electoral Area
Submitted by:	Jason Dales, B.Sc, WD IV, Senior Manager, Infrastructure Operations
Submitted by:	Rianna Lachance, B. Comm., CPA, CA, Senior Manager, Financial Services
Concurrence:	Robert Lapham, MCIP, RPP, Chief Administrative Officer

KC/JD/RL:sb

Attachment: [2023 Maliview Sewer Utility](#)

CAPITAL REGIONAL DISTRICT

2023 Budget

Maliview Sewer Utility (SSI)

Commission Review

OCTOBER 2022

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 \$160,653.

MAXIMUM CAPITAL DEBT:

AUTHORIZED:	LA Bylaw No. 2991	65,500
BORROWED:	Bylaw No. 3196 (Aug 2004)	(40,982) Retired in 2019
	Bylaw No. 3364 (Aug 2006)	(24,000) Retired in 2021
	Expired	(518)
REMAINING:		<u>\$0</u>

COMMISSION:

Maliview Sewer Local Service Commission - Bylaw 4371 (Dec 09, 2020)

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 - Maliview Estates Sewer System			BUDGET REQUEST				FUTURE PROJECTIONS			
	2022 BOARD BUDGET	ESTIMATED ACTUAL	CORE BUDGET	2023 ONGOING	ONE-TIME	TOTAL	2024	2025	2026	2027
OPERATING COSTS										
Sludge Hauling Contracts	23,460	23,460	24,160	-	-	24,160	24,640	25,130	25,630	26,140
Screenings, Grit & Waste Sludge Disposal	36,720	39,400	37,820	-	-	37,820	38,580	39,350	40,140	40,940
Repairs & Maintenance	10,820	22,500	3,950	-	-	3,950	44,020	4,090	4,160	4,230
Allocations	21,422	21,422	21,716	-	-	21,716	22,157	22,603	23,057	23,517
Electricity	3,260	3,300	3,360	-	-	3,360	3,430	3,500	3,570	3,640
Water	1,380	1,380	1,420	-	-	1,420	1,450	1,480	1,510	1,540
Supplies	1,140	800	1,180	-	-	1,180	1,200	1,220	1,240	1,260
Labour Charges	45,023	47,500	45,080	2,900	-	47,980	50,400	51,410	52,440	53,490
Other Operating Expenses	9,160	9,690	9,500	-	-	9,500	9,730	9,960	10,200	10,450
TOTAL OPERATING COSTS	152,385	169,452	148,186	2,900	-	151,086	195,607	158,743	161,947	165,207
*Percentage Increase over prior year			-2.8%	1.9%		-0.9%	29.5%	-18.8%	2.0%	2.0%
DEBT / RESERVES										
Transfer to Capital Reserve Fund	49,515	40,628	39,650	-	-	39,650	31,205	34,860	38,685	42,686
Transfer to Operating Reserve Fund	13,000	13,000	13,000	-	-	13,000	13,000	13,000	13,000	13,000
Debt Reserve Fund	3,000	-	3,410	-	-	3,410	-	-	-	-
MFA Principal Payment	-	-	-	-	-	-	9,983	9,983	9,983	9,983
MFA Interest Payment	1,680	-	11,765	-	-	11,765	15,686	15,686	15,686	15,686
TOTAL DEBT / RESERVES	67,195	53,628	67,825	-	-	67,825	69,874	73,529	77,354	81,355
TOTAL COSTS	219,580	223,080	216,011	2,900	-	218,911	265,481	232,272	239,301	246,562
FUNDING SOURCES (REVENUE)										
Transfer from Operating Reserve Fund	(7,000)	(12,000)	-	-	-	-	(40,000)	-	-	-
Sales - Sewer Use	(25,000)	(23,500)	(25,000)	-	-	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)
User Charges	(182,670)	(182,670)	(185,961)	(2,900)	-	(188,861)	(195,281)	(201,922)	(208,791)	(215,882)
Other Revenue	(150)	(150)	(150)	-	-	(150)	(150)	(150)	(150)	(150)
TOTAL REVENUE	(214,820)	(218,320)	(211,111)	(2,900)	-	(214,011)	(260,431)	(227,072)	(233,941)	(241,042)
REQUISITION - PARCEL TAX	(4,760)	(4,760)	(4,900)	-	-	(4,900)	(5,050)	(5,200)	(5,360)	(5,520)
*Percentage increase over prior year			0.0%			0.0%	0.0%	0.0%	0.0%	0.0%
Sales			1.8%	1.6%		3.4%	3.4%	3.4%	3.4%	3.4%
User Fees			2.9%			2.9%	3.1%	3.0%	3.1%	3.0%
Requisition			1.6%	1.4%		3.0%	3.0%	3.0%	3.0%	3.0%
Combined										

**Maliview Estates Sewer System
Summary Schedule
2023 - 2027 Financial Plan**

Reserve/Fund Summary						
	Estimated	Budget				
	2022	2023	2024	2025	2026	2027
Operating Reserve Fund	30,442	43,442	16,442	29,442	42,442	55,442
Capital Reserve Fund	69,504	109,154	131,359	166,219	204,904	247,590
Total	99,946	152,596	147,801	195,661	247,346	303,032

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				
	2022	2023	2024	2025	2026	2027
Beginning Balance	29,082	30,442	43,442	16,442	29,442	42,442
Transfer from Ops Budget	13,000	13,000	13,000	13,000	13,000	13,000
Expenditures	(12,000)	-	(40,000)	-	-	-
Planned Maintenance Activity	Outfall Inspection and Biofilter media replacement (deferred from 2021)		Sanitary sewer system flushing and inspections			
Interest Income *	360					
Ending Balance \$	30,442	43,442	16,442	29,442	42,442	55,442

Assumptions/Background:

* Interest is 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: 1041 Fund Centre: 101385	Estimated	Budget				
	2022	2023	2024	2025	2026	2027
Beginning Balance	26,389	69,504	109,154	131,359	166,219	204,904
Transfer from Ops Budget	40,628	39,650	31,205	34,860	38,685	42,686
Transfer from Cap Fund	2,197					
Transfer to Cap Fund	-	-	(9,000)	-	-	-
Interest Income	290					
Ending Balance \$	69,504	109,154	131,359	166,219	204,904	247,590

Assumptions/Background:

CAPITAL REGIONAL DISTRICT
FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2023 to 2027

Service No. 3.820 Maliview Sewer Utility (SSI)		Carry Forward from 2022	2023	2024	2025	2026	2027	TOTAL
EXPENDITURE								
Buildings	B	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	E	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	L	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineered Structures	S	\$0	\$2,330,000	\$41,000	\$0	\$0	\$0	\$2,371,000
Vehicles	V	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$2,330,000	\$41,000	\$0	\$0	\$0	\$2,371,000
SOURCE OF FUNDS								
Capital Funds on Hand	Cap	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debtenture Debt (New Debt Only)	Debt	\$0	\$341,000	\$0	\$0	\$0	\$0	\$341,000
Equipment Replacement Fund	ERF	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants (Federal, Provincial)	Grant	\$0	\$1,989,000	\$32,000	\$0	\$0	\$0	\$2,021,000
Donations / Third Party Funding	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Fund	Res	\$0	\$0	\$9,000	\$0	\$0	\$0	\$9,000
		\$0	\$2,330,000	\$41,000	\$0	\$0	\$0	\$2,371,000

CAPITAL REGIONAL DISTRICT
5 YEAR CAPITAL PLAN
2023 - 2027

<div>Project Number</div> <div>Project number format is "Yy-##"</div> <div>Yy = the last two digits of the year the project is planned to start.</div> <div>## = a numerical value. For example, 23-01 is a project planned to start in 2023.</div> <div>For projects in previous capital plans, use the same project numbers previously assigned.</div>	<div>Capital Project Description</div> <div>Briefly describe project scope and service benefits.</div> <div>For example: "Full Asset Replacement of 30 year old roof above the swimming pool area. The new roofing system is built current energy standards, designed to minimize maintenance and have an expected service life of 35 years."</div>	<div>Capitalized from 2022</div> <div>Input the capitalized amount from the 2022 capital plan that is remaining to be spent. Forecast this spending in 2023 to 2027.</div> <div>Project Drivers</div> <div>Maintain level of Service - Project maintains existing or improved level of service.</div> <div>Advance Board or Corporate Priority - Project is a Board or Corporate priority.</div> <div>Emergency - Project is required for health or safety reasons.</div> <div>Cost Benefit - Economic benefit to the organization.</div>
<div>Capital Expenditure Type</div> <div>New - Expenditure for feasibility and business case report.</div> <div>Study - Expenditure for new asset only</div> <div>Renewal - Expenditure upgrades an existing asset and extends the service ability or enhances technology in delivering that service</div> <div>Replacement - Expenditure replaces an existing asset</div>	<div>Asset Class</div> <div>L - Land</div> <div>S - Buildings</div> <div>B - Engineering Structure</div> <div>5 - Structures</div> <div>V - Vehicles</div>	<div>Cost Estimate Class</div> <div>Class A (+10-15%) = Estimate based on final drawings and specifications, used to evaluate tenders.</div> <div>Class B (+15-25%) = Estimate based on investigations, studies or preliminary design, used for budget planning.</div> <div>Class C (+25-40%) = Estimate based on limited site information, used for program planning.</div> <div>Class D (+50%) = Estimate based on little/no site information, used for long-term planning.</div>
<div>Capital Project Title</div> <div>Input title of project. For example "Asset Name - Roof Replacement", "Main Water Pipe Replacement".</div>	<div>Total Project Budget</div> <div>Provide the total project budget, even if it extends beyond the 5 years of this capital plan.</div>	<div>Long-term Planning</div> <div>Master Plan / Servicing Plan = Plan that identifies new assets required to meet future needs.</div> <div>Asset Management Plan / Sustainable Service Delivery Plan = Integrated plan that identifies asset replacements based on level of service, critically condition, risk, replacement costs, as well as external impacts.</div> <div>Replacement Plan = Plan that identifies asset replacements based primarily on asset age or asset materiality/type.</div> <div>Condition Assessment = Assessment that identifies asset replacement based on asset condition.</div>
<div>Funding Source Codes</div> <div>Debt = Debt/Debt service (new debt only)</div> <div>EBF = Equipment Replacement Fund</div> <div>Grant = Grants (Federal, Provincial)</div> <div>Cap = Capital Funds on Hand</div> <div>Other = Donations / Third Party Funding</div> <div>Res = Reserve Fund</div> <div>Stn = Short Term Loans</div> <div>WU = Water Utility</div> <div>If there is more than one funding source, use additional rows for the project.</div>		

Service #: 3.820

Service Name: Malview Sewer Utility (SSI)

[illegible]

Service: 3.820

Maliview Sewer Utility (SSI)

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

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

Project Number 23-01	Capital Project Title SAMIP Development	Capital Project Description Develop an asset management plan for the facility.
Project Rationale This service has no up-to-date asset management plan		

Project Number 23-02	Capital Project Title I&I program (MOE Requirement)	Capital Project Description Clean, CCTV, smoke test & report, review and develop defects list and repair requirements.
Project Rationale The MOE has stipulated that there shall be an I & I Program. The first stage is investigative and will include cleaning, CCTV inspection and smoke testing to locate the leaks and develop a strategy for their repair. The second stage will be the physical repair and renewal of the wastewater piping and manholes.		

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

Committee: Electoral Area

<u>Year</u>	<u>Taxable Folios</u>	<u>Parcel Tax Per Folio</u>	<u>User Charge</u>		<u>Total Tax & Charges</u>	<u>Actual Assessments \$(1000's)</u>	
			<u>Connections</u>	<u>Per Connection</u>		<u>Bylaw</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	4395	\$64,261.10
2022	94	\$53.30	100	\$1,826.70	\$1,880.00		
2023	94	\$54.86	100	\$1,888.61	\$1,943.47	4470	

Change from 2022 to 2023

\$1.56
2.93%

\$61.91
3.39%

\$63.47
3.38%

Maliview Sewer Funding Analysis 2019-2023

