

### 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

### **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.	App	proval of Agenda	1-2
4.	Ado	ption of the Minutes of October 29, 2020	3-4
5.	Cha	ir and Director Reports	
6	New	Business	
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<b>.</b>	6.1	2022 Operating and Capital Budget	5-20

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.
- 7. Outstanding Business None
- 8. Adjournment



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

**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.

<u>CARRIED</u>

CHAIR	
SENIOR MANAGER	



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

### **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 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
Total						\$2,210,000	\$89,329	\$65,930	\$155,259

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/m³ 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
2021	\$4,670	94	\$52.29	\$180,753	100	\$1,807.53	\$1,859.82
2022	\$4,760	94	\$53.30	\$182,673	100	\$1,826.73	\$1,880.03
Change (\$)	\$90	0	\$1.01	\$1,920	0	\$19.20	\$20.21
Change (%)	1.93%	0.00%	1.93%	1.06%	0.00%	1.06%	1.09%

<sup>\*</sup>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** 

### **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:**

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

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

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	2021 BOARD E BUDGET	1 ESTIMATED ACTUAL	CORE	BUDGET REQUEST 2022 ONGOING ONE-TI	EQUEST 2 ONE-TIME	TOTAL	2023	FUTURE PROJECTIONS 2024 2025	ECTIONS 2025	2026
OPERATING COSTS										
Sludge Hauling Contracts Screenings, Grit & Waste Sludge Disposal	23,000 36,000	27,000 40,800	23,460 36,720		7	23,460 36,720	23,930 37,450	24,410 38,200	24,900 38,960	25,400 39,740
Repairs & Maintenance Allocations Electricity	7,810 19,672 3,200	7,110 19,672 3,200	3,820 21,422 3,260			21,422 3,260	3,890 21,834 3,330	43,960 22,198 3,400	4,030 22,713 3,470	4,100 23,086 3,540
Electricity Water	1,350	1,100	1,380			1,380	1,410	1,440	1,470	1,500
Supplies Labour Charges Labour Charges	1,120 44,135	910 39,240	1,140 45,026			1,140 45,026	1,160 45,956	1,180 46,856	1,200 47,817	1,220 48,753
TOTAL OPERATING COSTS	144.977	145.272	145.388		7.000	152.388	148.350	191.264	154.420	157.439
*Percentage Increase over prior year						5.1%	-2.6%	28.9%	-19.3%	2.0%
DEBT/RESERVES										
Transfer to Capital Reserve Fund Transfer to Operating Reserve Fund	26,570 12,000	28,215 12,000	49,515 13,000			49,515 13,000	25,000 13,000	5,000 13,000	8,400 13,000	12,000 13,000
Detr Reserve Fund MFA Principal Payment MFA Interest Payment	3,010 1,199 2,100	1,199 420	3,000 - 1,680			3,000 - 1,680	19,100 12,657 36,325	89,329 65,930	89,329 65,930	89,329 65,930
TOTAL DEBT / RESERVES	44,879	41,834	67,195			67,195	106,082	173,259	176,659	180,259
TOTAL COSTS	189,856	187,106	212,583	ı	7,000	219,583	254,432	364,523	331,079	337,698
FUNDING SOURCES (REVENUE)										
Balance Carry Forward from 2020 to 2021- Deficit Transfer from Operating Reserve Fund	27,727 (5,000)	27,727 (5,000)			(7,000)	(7,000)		(40,000)		
Sales Sewer Use User Charges Other Revenue	(27,000) (180,753) (160)	(24,250) (180,753) (160)	(25,000) (182,673) (150)			(25,000) (182,673) (150)	(25,000) (223,282) (150)	(289,373) (150)	(25,000) (294,929) (150)	(25,000) (300,548) (150)
TOTAL REVENUE	(185,186)	(182,436)	(207,823)		(7,000)	(214,823)	(248,432)	(354,523)	(320,079)	(325,698)
REQUISITION - PARCEL TAX	(4,670)	(4,670)	(4,760)			(4,760)	(6,000)	(10,000)	(11,000)	(12,000)
*Percentage increase over prior year Sales User Fees Requisition Combined						-7.4% 1.1% 1.9% <b>0.0%</b>	0.0% 22.2% 26.1% <b>19.7%</b>	0.0% 29.6% 66.7% <b>27.6%</b>	0.0% 1.9% 10.0% <b>2.0%</b>	0.0% 1.9% 9.1% <b>2.0%</b>

Maliview Estates Sewer System Summary Schedule 2022 - 2026 Financial Plan

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

Reserve/Fund Summary

## Reserve Schedule

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

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

# Reserve Cash Flow

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

# Assumptions/Background:

years nets against inflation which is not included \*Interest should be included in determining the estimated ending balance for the current year. Interest in planning

## 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	Estimated			Budget		
Fund Centre: 101385	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	ı	ı	1	1	1	1
Transfer to Cap Fund	(47,000)	ı	ı	(9,000)	ı	ı
Interest Income*	250					
Ending Balance \$	27,035	76,550	101,550	97,550	105,950	117,950

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 Maliview Sewer Utility (SSI)	)	Carry Forward from 2021	2022	2023	2024	2025	2026	TOTAL
	EXPENDITURE								
	Buildings	₿	<b>\$</b> 0	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment	ш	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Land	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Engineered Structures	S	\$0	\$300,000	\$1,910,000	\$41,000	\$0	\$0	\$2,251,000
	Vehicles	<	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			\$0	\$300,000	\$1,910,000	\$41,000	<b>\$</b> 0	\$0	\$2,251,000
	SOURCE OF FUNDS								45
	Capital Funds on Hand	Cap	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Debenture Debt (New Debt Only)	Debt	\$0	\$300,000	\$1,910,000	\$0	\$0	\$0	\$2,210,000
	Equipment Replacement Fund	ER.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Grants (Federal, Provincial)	Grant	\$0	\$0	\$0	\$32,000	\$0	\$0	\$32,000
	Donations / Third Party Funding	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Reserve Fund	Res	\$0	\$0	\$0	\$9,000	\$0	\$0	\$9,000
			\$0	\$300,000	\$1,910,000	\$41,000	\$0	\$0	\$2,251,000

Project Number Project number format is "vy-##" "yy" is the last two digits of the "##" is a numberical value. For e 2022.	Toject Number  Project unhunder is 'ny-##' Project unit of the system is not project is planned to start 'ny' is the last two digits of the year the project is planned to start in '##' is a numberical value. For example, 22-01 is a project planned to start in 2022.	Capital Project Description Birdly describe project scope and service benefits for example: "Talk Roof Replacement of a 40 year built current energy standards designed to minim	Capital Project Description  Biethy describe project scope and service benefits.  For example: "Talk Book Replacement of a 40 year old root above the swimming pool area; The new rooting system is built current energy standards, designed to minimize maintenance and have an expected service life of 35 years; built current energy standards, designed to minimize maintenance and have an expected service life of 35 years;	Carrylonward from 2021 Imput the carrylonward amount finit ge 2021 capital plan inbut the exemptions to be spent forecast this spending in 2022 to 2026.	<b>n 2021</b> ward amount to be spent F	frintge 2021. orecast this sp	apital plan ending in	Project Drivers Maintain Level o Advance Board o Emergency = Pro, Cost Benefit = Ec	Project Drivers  Maintain Level Service = Project maintains exists  Advance Board or Corporate Priority = Project is a t  Emergency = Project is required for health or safety  Cost Benefit = Economic benefit to the organization.	Project Drivers  Maintain Level of Service = Project maintains existing or im Advance Board or Corporate Priority = Project is a Board or Emergency = Project is required for health or safety reasons.  Cost Benefit = Economic benefit to the organization.	Pojekt Drives  Malanian Level of Service = Project maintains existing or improved level of service Malanian tevel of Service Advance Board or Corporate Priority. * Project is a Board or Corporate priority. * Emergency = Project is required for health or safety vissions.  Cost Benefit = Economic benefit of the organization.	ervice.
For projects in previou assigned.	For projects in previous capital plans, use the same project numbers previously assigned.	Total Project Budget  Provide the total project	Eunding Source Codes  Delt - Debenture Debt (new debt only)	Long-term Planning		that ide	atificat pour accele	to man it had be made f				
Capital Expenditure Type Study - Expenditure for feasibility and New - Expenditure for new asset only	Capital Expenditure Type Study - Expenditure Tw lessibility and business case report. New - Expenditure for new asset only	budget, even if it extends beyond the 5 years of this capital plan.	RF = Equipment Replacement fund Goant = Grants (Federal, Provincia) Cap = Capital Funds on Hand Other = Thorating < 1 Hand Barry English	moster rear / servicing rear - rear use to service was Asset Management Plan / Sustainable Service Delivery Pla condition, sisk, replacement costs as well as external impacts. Replacement Plan - Plan that identifies asset replacements from Condition Accordant - Accordant that identifies rear loss	nt Plan / Sus placement cos n = Plan that	tainable Servets as well as educatifies asse	ice Delivery Plan xternal impacts. t replacements ba	uio inciniume new obsets required io meet munic necosible Service Delivery Plan = Integrated plan that identific ble Service Delivery Plan = Integrated plan that was a seen and impacts.  Well as extent explacements based primarily on asset age or a that do not provide the second plan to the pl	una duentues new oozes tequiere un neet unuterieres.  ble Service Delivery Pan - Integraled plan that identifies asset replacement well as external impacts.  well as external impacts.  the identifier asset nobelecoments havely on asset age or asset material/type that identifier seems on the common to have due asset a position.	replacements based terial/type.	massier in in Jacknung rein - Poi inde declinies new oosste required in inter tollium ineces.  Asset Management Plan / Sustainable Service Delivery Plan : integrated plan that identifies asset replacements based on level of service, criticality, condition, risk, replacement costs as well as external impacts.  Replacement Plan - Plan that identifies asset replacements based primarily on asset age or asset material/type.  Replacement Plan - Plan that identifies asset replacements based primarily on asset age or asset material/type.	criticality,
Renewal - Expenditure ability or enhances tec	Renewal - Expenditure upgrades an existing asset and extends the service ability or enhances technology in delivering that service	Asset Class	Res - Respect Fund STLoan - Short Term Loans	Cort Estimate Class	lent - Asses		altilles asset lebia	nat idelitiles doet replacements based on doset condition	dsset condition.			
	and the second s	L - Land	WU - Water Utility	Class A (±10-15%) = Estimate based	) = Estimate b		drawings and spec	on final drawings and specifications; used to evaluate tenders	evaluate tenders.			
Capital Project Title Input title of project. For Water Pipe Replacement	Capital Project Title Input title of project. For example "Asset Name - Roof Replacement", "Main Water Pipe Replacement".	S - Engineering Structure B - Buildings V - Yehides	If there is more than one funding source, use additional rows for the project.	Class B (±15-25%) = Estimate based Class C (±25-40%) = Estimate based Class D (±50%) = Estimate based on	) = Estimate b = Estimate b Estimate base		tigations, studies of distributions, studies of distribution, site information; consistering the studies of the	on investigations, studies or prelimminary design; user on limited site information; used for program planning little/no site information; used for long-term planning.	on investigations, studies or prelimminary design; used for budget planning on limited site information; used for program planning, little/no site information; used for long-term planning.	t planning.		
Service #:	3.820											
Service Name:	Maliview Sewer Utility (SSI)											
<b>Project List and Budget</b>	dget											
Project Capital Number Expenditure Type	ere Capital Project Title		Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward from 2021	2022	2023	2024	2025	2026
21-03 Replacem	Replacement Wastewater Treatment Plant Upgrade	Upgrading current RBC process	Upgrading current RBC process WWTP to MBBR process to meet regulatory requirements	\$2,010,000	S	Debt	\$300,000	\$300,000	\$1,710,000	\$0	\$0	\$0
	l Collection system repairs	Replacement/repair of collection pipe and manholes.	pipe and manholes.	\$200,000	S	Debt	\$0	\$0	\$200,000	\$0	\$0	\$0
		Develop an asset management plan for the facility.	plan for the facility.	\$9,000	s	Res	\$0	\$0	\$0	\$9,000	\$0	\$0
23-01 New	SAMP Development	Develop an asset management plan for the facility	plan for the facility.	\$32,000	S	Grant	\$0	\$0	\$0	\$32,000	\$0	\$0
		GRAND TOTAL		\$2,251,000			\$300,000	\$300,000	\$1,910,000	\$41,000	\$300,000 \$300,000 \$1,910,000 \$41,000 \$0	\$0

5 - Year Total

Replacement/repair of collection pipe and	I	Collection system repairs		22-02	
ng effluent noncompliance.	provincial regulators in 2019 regardin	have been warned by both federal and p	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.	Current RBC system can not con	Project Rational
Upgrading current RBC process WWTP to MBBR process to meet regulatory requirements	Upgrading cu to MBBR proc Capital Project Description requirements	Wastewater Treatment Plant Upgrade	Capital Project Title	21-03	Project Number
			Maliview Sewer Utility (SSI)	3.820	Service:

22-02 Project Number	Collection system repairs Capital Project Title	Replacement/repair of collection pipe and manholes.  Capital Project Description
Project Rationale The current collection systems a	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 SAMP Development	Capital Project Description Develop an asset management plan for the facility.
Project Rationale This service has no up-to-date asset management plan	sset management plan	

## Capital Projects

Updated @ Sep 15th, 2021

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

		\$1,880.03	\$1,826.73	100	\$53.30	94	2022
		\$1,859.82	\$1,807.53	100	\$52.29	94	2021
\$45,737.50	4339	\$1,215.15	\$1,215.15	101	\$0.00	94	2020
\$40,951.50	4273 & 4311	\$1,183.05	\$1,183.05	101	\$0.00	94	2019
\$37,111.50	4236	\$1,183.05	\$1,183.05	101	\$0.00	94	2018
\$32,615.60	4172	\$1,163.26	\$1,163.26	95	\$0.00	94	2017
\$27,627.00	4073	\$1,163.26	\$1,163.26	95	\$0.00	94	2016
\$26,865.60	3993	\$963.26	\$632.84	95	\$330.42	94	2015
\$26,858.10	3993	\$855.70	\$532.84	95	\$322.86	94	2014
\$28,343.50	3891	\$722.86	\$400.00	95	\$322.86	94	2013
\$28,962.20	3822	\$722.86	\$400.00	95	\$322.86	94	2012
\$32,867.50	3777	\$669.61	\$346.73	94	\$322.88	94	2011
\$13,972.20	3688	\$669.61	\$346.73	94	\$322.88	94	2010
<u>\$(000's)</u>	Bylaw	<u>Charges</u>	Per Connection	Connections	Per Folio	Folios	<u>Year</u>
Actual Assessments		Total Tax &	User Charge		Parcel Tax	Taxable	
					Side mailyless cower curry (cor)		Gervice.
oral Area	Committee: Elect			Hillity (SSI)	Maliview Sewer	3 820	Service.

Change from 2021 to 2022

\$1.01 2%

\$19.20 1.06%

\$20.21 1.09%

