



Notice of Meeting and Meeting Agenda Cedars of Tuam Water Service Commission

Monday, October 21, 2024

11:00 AM

SIMS Boardroom
124 Rainbow Road
Salt Spring Island BC

Budget

MS Teams Link: [Click here](#)

G. Holman, J. Edwards, J. Wu

The Capital Regional District strives to be a place where inclusion is paramount and all people are treated with dignity. We pledge to make our meetings a place where all feel welcome and respected

1. Territorial Acknowledgement

2. Approval of Agenda

3. Adoption of Minutes

- 3.1. [24-1052](#) Minutes of October 30, 2023 Cedars of Tuam Water Service Commission Budget Meeting

Recommendation: That the minutes of the October 30, 2023 meeting be adopted as circulated.

Attachments: [Minutes: October 30, 2023](#)

4. New Business

- 4.1. [24-995](#) 2025 Operating and Capital Budget

Recommendation: That the Cedars of Tuam Water Service Commission:

1. Approve the 2025 operating and capital budget as presented, and that the 2024 actual operating surplus or deficit be balanced on the 2024 Reserve Funds transfer (CRF and/or ORF), and

2. Recommend that the Electoral Area Committee recommend that the CRD Board approve the 2025 Operating and Capital Budget and the Five-Year Financial Plan for the Cedars of Tuam Water Service as presented.

Attachments: [Staff Report: 2025 Operating and Capital Budget Cedars of Tuam](#)
[Appendix A: 2025 Budget Cedars of Tuam Service Budget](#)

5. Adjournment

Next Meeting

-TBD



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**Minutes of the Cedars of Tuam Water Service Commission Budget Meeting
Held October 30, 2023 at the Salt Spring Island Multi Space (SIMS), 124 Rainbow Road,
Salt Spring Island, BC**

DRAFT

Present: **Director:** Gary Holman
Commission Members: Julian Edwards (Chair); Peter Wypkema
Staff: Karla Campbell, Senior Manager SSI Electoral Area; Lia Xu, Manager, Finance Services; Dan Robson, Manager, Saanich Peninsula and Gulf Islands Operations; Kim Vincent, Senior Financial Advisor, Finance Services (via Teams); Dean Olafson, Manager Engineering; Mackenzie Williamson, Committee Clerk

These minutes follow the order of the agenda although the sequence may have varied.

1. Call to Order

Commissioner Edwards called the meeting to order at 10:09 pm.

CARRIED

2. Territorial Acknowledgement / Call Meeting to Order

Commissioner Edwards provided a Territorial Acknowledgement.

CARRIED

3. Approval of Agenda

MOVED by Commissioner Edwards, **SECONDED** by Commissioner Wypkema, that the Cedars of Tuam Water Service Commission agenda of October 30, 2023 be approved as presented.

CARRIED

4. Adoption of the Minutes of October 25, 2022

MOVED by Commissioner Edwards, **SECONDED** by Commissioner Wypkema, that the Cedars of Tuam Water Commission meeting minutes of October 25, 2022 be approved as presented.

CARRIED

- Discussion of minute item number 6.1 Sand removal from Cedars of Tuam Well Asking for update on status.
- 3rd party would need to be hired for remove sand.
- Requested staff contact Doug McDonald resident regarding options for sand removal from Cedars of Tuam Well.

5. Director and Commissioner Report

- Provisional Capital Regional District Board approval of 2024 Capital Budget.
- Salt Spring Island Local Community Commission currently reviewing referral from the Islands Trust regarding the possibly acquiring the Salt Spring Island Watershed Protection Alliance (SSIWPA) Service.
- The latest water delivery was the previous Friday before the meeting. Five truck loads have been delivered to date.

6. New Business

6.1 2024 Operating and Capital Budget

MOVED by Commissioner Wypkema, **SECONDED** by Director Holman, that the Cedars of Tuam Water Service Commission request staff balance 2023 actual operating surplus or deficit on reserve Funds; 75% transferred to Operating Reserve Fund and 25% transferred to Capital Reserve Fund.

CARRIED

MOVED by Commissioner Wypkema, **SECONDED** by Director Holman, that the Cedars of Tuam Water Service Commission defer borrowing in the Five-Year Capital Plan of project number 21-03 Design and construct new well and distribution system, and project number 24-02 Referendum or Alternative Approval Process - Funding for Future Projects to 2025.

That the savings from deferring the estimated new 2024 debt (\$90,000 from 21-03) servicing costs to be added to Capital Reserve Fund Transfer in 2024 budget.

CARRIED

MOVED by Director Holman, **SECONDED** by Commissioner Edwards, that the Cedars of Tuam Water Service Commission fund the Five-Year Capital Plan project number 23-01 Electrical Service Replacement (\$50,000) by Community Works Fund \$42,000 and Capital Reserves Fund \$8,000 in replacement of debt funding source of \$50,000.

That the saving from replacing estimated new 2024 debt (\$25,000 from 23-01) servicing costs to be added to Capital Reserve fund transfer in 2024 operating budget.

CARRIED

MOVED by Commissioner Wypkema, **SECONDED** by Commissioner Edwards, that the Cedars of Tuam Water Service Commission increase the consumption charge for the first 38 cubic meters of water per quarter from \$7/ cubic meter to \$9/ cubic meter for water conversation purpose.

CARRIED

MOVED by Commissioner Edwards **SECEONDED** by Commissioner Wypkema, that the Cedars of Tuam Water Service Commission:

1. Approve the 2024 operating and capital budget as amended, and that the 2023 actual operating surplus or deficit be balanced on the 2023 Reserve Funds transfer (25% Capital Reserve Fund and 75% Operating Reserve Fund), and
2. Recommend that the Electoral Area Committee recommend that the CRD Board approve the 2024 Operating and Capital Budget and the Five-Year Financial Plan for the Cedars of Tuam Water Service as amended.

CARRIED

6.2 Commissioner Appointments

MOVED by Commissioner Edwards **SECEONDED** by Commissioner Wypkema, that the Cedars of Tuam Water Service Commission request the Capital Regional District Board appoint Jendy Wu to the Commission for the January 1, 2024 to December 31, 2025 term.

CARRIED

- The Commission acknowledged Commissioner Wypkema service to the Cedars of Tuam Water Service Commission.

7. Next meeting – TBD

8. Adjournment

MOVED by Commissioner Edwards, that the meeting be adjourned at 12:09 p.m.

CARRIED

CHAIR

SENIOR MANAGER



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**REPORT TO CEDARS OF TUAM WATER SERVICE COMMISSION
MONDAY, OCTOBER 21, 2024**

SUBJECT **2025 Operating and Capital Budget**

ISSUE SUMMARY

To present the 2025 operating and capital budget. In accordance with Bylaw No 3055, “Cedars of Tuam Water Service Commission Bylaw No. 1, 2003” 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 a five-year Financial Plan. CRD staff have therefore, prepared the financial plan shown in Appendix A.

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 that could potentially lead to future capital improvements.

In preparing the Operating Budget, CRD staff considered:

1. Actual expenditures incurred between 2022 and 2024
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 2024 may be made in January 2025. The CRD Board will give final approval to the budget and financial plan in March 2025.

The Financial Plan for the years 2026 – 2029 may be changed in future years.

BUDGET OVERVIEW

Operating Budget

It is projected that the 2024 operating expenses will be approximately \$3,066 over budget. Factors contributing to the operating overage include emergency response and corrective maintenance primarily due to the following events:

- Replacement of the water tank low-level and high-level electronic floats.
- Two system service line leak repairs on Roland Road.

It is projected that the 2024 operating revenue will be slightly lower than budget by approximately \$846 due to lower water sales.

As a result, there is an overall estimated operating deficit of \$3,912. To balance the operating budget, it is proposed that the 2024 transfer to the Operating Reserve Fund (ORF) of \$3,500 not be made and that the 2024 transfer to the Capital Reserve Fund (CRF) be decreased by \$412.

Operating costs for 2025 has increased by \$934 (2.4%) compared to 2024. The increase is primarily to account for core inflation and labour costs reflecting the renewed collective agreement since 2023.

Municipal Finance Authority (MFA) Debt

Currently, there is no existing outstanding debt for this service.

Operating Reserve Fund

Operating Reserve Fund (ORF) is used to fund cyclical maintenance activities, equipment and supplies purchases that typically do not occur on an annual basis to mitigate the swings in expense and revenue requirement year over year. Typical maintenance activities include hydrant/standpipe maintenance, reservoir cleaning and inspection and ground water well servicing. Additionally, the ORF is also used to respond to unforeseen events and operating emergencies.

The ORF transfers planned in the budget are evaluated and guided by the CRD Operating Reserve Guidelines endorsed by the CRD Board.

It is proposed that 2025 transfers to the operating reserve be set at \$3,670. The operating reserve balance at the end of 2024 is projected to be approximately \$2,842. There is \$20,000 of planned maintenance to be funded by the ORF over the next five years.

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.

The CRF transfers planned in the budget are evaluated and influenced by the funding required to support the five-year capital expenditure plan and the emergency response to infrastructure failures, also guided by the CRD Capital Reserve Funding Guidelines endorsed by the CRD Board.

It is proposed that 2025 capital reserve transfer be set at \$23,440. The balance of the Capital Reserve Fund at the end of 2024 is projected to be \$25,393.

Capital Expenditure Plan

The 5-year plan includes \$1,946,000 of expenditures to be funded by a combination of the service's Capital Reserve Fund, grants, capital funds on hand, and new debt.

Three (3) new projects have been added to the 2025 - 2029 five-year capital plan.

1. Well Testing for WIN 19325 (25-01) - \$58,000 (Grant and Reserve)

2. Sand Separator and Chlorine Analyzer (25-02) - \$8,000 (Reserve)
3. Chlorinator, Level Transducer and Flow Meter Replacement (21-05) - \$15,000 (Capital funds on hand)

Table 1 below provides the future debt servicing cost simulation for analytical purpose with the indicative interest rate provided by MFA at the time of simulation. The debt servicing is for two (2) projects for a total of \$1,705,000. Please refer to the 2025 – 2029 Five Year Capital Plan for details on the two projects.

Table 1 – Future New Debt Simulation

	<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>
<i>Future Borrowing(s) Estimation</i>	25	2026	2051	4.40%	\$835,000	\$21,154	\$36,740	\$57,894
	25	2027	2052	4.40%	\$435,000	\$11,020	\$19,140	\$30,160
	25	2028	2053	4.40%	\$435,000	\$11,020	\$19,140	\$30,160
Total					\$1,705,000	\$43,194	\$75,020	\$118,214

At the commencement of each loan, 1% of the gross amount borrowed is withheld and retained by MFA as Debt Reserve Fund (DRF). To provide the full amount to fund the capital project, this 1% DRF amount is budgeted in the 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 \$118,214 equates to approximately \$7,388.40 cost per parcel.

Capital Projects 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 Fund (CRF), grant funding, external contributions, and Debt. Any funds remaining upon completion of a project will be transferred back to its original funding source(s).

User Charge

The service is primarily funded by fixed user charges and variable water consumption charge. Properties connected to the water system pay the annual user charge. The tiered water consumption rates remain unchanged from 2024.

Table 2 below summarizes the 2025 over 2024 changes for user charge.

Table 2 – User Charge Summary

<i>Budget Year</i>	<i>User Charge</i>	<i>SFE Numbers</i>	<i>User Charge per SFE</i>
2024	\$39,061	17	\$2,297.71
2025	\$54,690	17	\$3,217.06
Change (\$)	\$15,629	0	\$919.35
Change (%)	40.01%	0.00%	40.01%

RECOMMENDATION

That the Cedars of Tuam Water Service Commission:

1. Approve the 2025 operating and capital budget as presented, and that the 2024 actual operating surplus or deficit be balanced on the 2024 Reserve Funds transfer (CRF and/or ORF), and
2. Recommend that the Electoral Area Committee recommend that the CRD Board approve the 2025 Operating and Capital Budget and the Five-Year Financial Plan for the Cedars of Tuam Water Service as presented.

Submitted by:	Dan Ovington, BBA , Senior Manager, Salt Spring Island Electoral Area
Submitted by:	Jason Dales, B.Sc, WD IV, Senior Manager, Infrastructure Operations
Submitted by:	Varinia Somosan, CPA, CGA, Sr. Mgr., Financial Services / Deputy CFO
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

DO/JD/VS/:mw

Appendix A: [2025 Budget Cedars of Tuam Service Budget](#)

CAPITAL REGIONAL DISTRICT

2025 Budget

Cedars of Tuam Water (SSI)

Commission Review

OCTOBER 2024

DEFINITION:

To provide and operate water supply and distribution facilities for the Salt Spring Island Cedars of Tuam Water System Service Area. Bylaw No. 3021 (October 9, 2002).

PARTICIPATION:

Local Service Area #45, T(764).

MAXIMUM LEVY:

Greater of \$25,425 or \$6.75 / \$1,000 of actual assessed value of land and improvements.

COMMISSION:

Cedars of Tuam Water Service Commission established by bylaw No 3693 (April 14th, 2010).

FUNDING:

User Charge

- Annual Fixed Fee per per single family dwelling unit or equivalent plus consumption charge
- The consumption charge for water will be the total volume of water metered to the water service connections, measured in cubic meters at the following rate:
 - First 38 cubic metres or portion - \$9.00 / cubic metre
 - Greater than 38 cubic metres - \$18.00 / cubic metre

Water Connection Charge

- Actual cost for the connection.

RESERVE FUND:

Fund 1057, established by Bylaw #3136 (June 14, 2004); amended by Bylaw 3948 (April 16, 2014).

2.622 - Cedars of Tuam Water (SSI)	2024		BUDGET REQUEST				FUTURE PROJECTIONS			
	BOARD BUDGET	ESTIMATED ACTUAL	CORE BUDGET	ONGOING	ONE-TIME	TOTAL	2026	2027	2028	2029
<u>OPERATING COSTS</u>										
Repairs & Maintenance	580	300	590	-	-	590	590	590	590	20,590
Allocations	5,253	5,253	5,043	-	-	5,043	5,163	5,260	5,358	5,456
Water Testing	2,610	2,605	2,660	-	-	2,660	2,720	2,780	2,840	2,900
Electricity	920	1,020	950	-	-	950	970	990	1,010	1,030
Supplies	770	570	790	-	-	790	800	810	820	830
Labour Charges	24,049	27,600	25,160	-	-	25,160	25,660	26,170	26,690	27,220
Other Operating Expenses	1,800	1,700	1,723	-	-	1,723	1,778	1,827	1,879	1,936
TOTAL OPERATING COSTS	35,982	39,048	36,916	-	-	36,916	37,681	38,427	39,187	59,962
*Percentage Increase over prior year			2.6%			2.6%	2.1%	2.0%	2.0%	53.0%
<u>DEBT / RESERVES</u>										
Transfer to Capital Reserve Fund	8,915	8,503	23,440	-	-	23,440	32,160	31,140	39,600	38,810
Transfer to Operating Reserve Fund	3,500	-	3,670	-	-	3,670	4,000	4,000	4,000	12,000
MFA Debt Reserve Fund	-	-	-	-	-	-	8,350	4,350	4,350	-
MFA Debt Principal	-	-	-	-	-	-	-	21,154	32,174	43,194
MFA Debt Interest	-	-	-	-	-	-	9,185	41,525	60,665	75,020
TOTAL DEBT / RESERVES	12,415	8,503	27,110	-	-	27,110	53,695	102,169	140,789	169,024
TOTAL COSTS	48,397	47,551	64,026	-	-	64,026	91,376	140,596	179,976	228,986
*Percentage Increase over prior year			32.3%			32.3%	42.7%	53.9%	28.0%	27.2%
<u>FUNDING SOURCES (REVENUE)</u>										
Transfer from Operating Reserve Fund	-	-	-	-	-	-	-	-	-	(20,000)
Sales - Water	(9,246)	(8,400)	(9,246)	-	-	(9,246)	(9,246)	(9,246)	(9,246)	(9,246)
User Charges	(39,061)	(39,061)	(54,690)	-	-	(54,690)	(82,040)	(131,260)	(170,640)	(199,650)
Other Revenue	(90)	(90)	(90)	-	-	(90)	(90)	(90)	(90)	(90)
TOTAL REVENUE	(48,397)	(47,551)	(64,026)	-	-	(64,026)	(91,376)	(140,596)	(179,976)	(228,986)
REQUISITION - PARCEL TAX	-	-	-	-	-	-	-	-	-	-
*Percentage increase over prior year										
Sales			0.0%			0.0%	0.0%	0.0%	0.0%	0.0%
User Charge			40.0%			40.0%	50.0%	60.0%	30.0%	17.0%
Combined			32.4%			32.4%	42.8%	53.9%	28.0%	16.1%

Cedars of Tuam Water (SSI)
 Reserve Summary Schedule
 2025 - 2029 Financial Plan

Reserve/Fund Summary

	Estimated	Budget				
	2024	2025	2026	2027	2028	2029
Operating Reserve Fund	2,842	6,512	10,512	14,512	18,512	10,512
Capital Reserve Fund	25,393	14,833	11,993	8,133	42,733	81,543
Total	28,235	21,345	22,505	22,645	61,245	92,055

Reserve Schedule

Reserve Fund: 2.622 Cedars of Tuam Water (SSI) - Operating Reserve Fund

Reserve fund used for: unforeseen operational repairs and maintenance; infrequent maintenance activities such as reservoir cleaning and inspection, hydrant teardowns and ground water well maintenance.

Reserve Cash Flow

Fund: Fund Centre:	1500 105532	Estimated	Budget				
		2024	2025	2026	2027	2028	2029
Beginning Balance		2,722	2,842	6,512	10,512	14,512	18,512
Transfer from Op Budget		-	3,670	4,000	4,000	4,000	12,000
Transfer to Op Budget		-	-	-	-	-	(20,000)
Planned Maintenance Activity							Water Tank Drain, Clean and Inspection
Interest Income*		120					
Ending Balance \$		2,842	6,512	10,512	14,512	18,512	10,512

Assumptions/Background:

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

Reserve Schedule

Reserve Fund: 2.622 Cedars of Tuam Water (SSI) - Capital Reserve Fund - Bylaw 3948

Monies in the reserve fund will be used to provide for capital works, including the planning, study, design, construction of water facilities, conveyance, treatment, storage, distribution of water, land purchases, machinery or equipment necessary for the extension or renewal of existing capital works and related debt servicing payments.

Reserve Cash Flow

Fund: Fund Centre:	1057 101843	Estimated	Budget				
		2024	2025	2026	2027	2028	2029
Beginning Balance		16,170	25,393	14,833	11,993	8,133	42,733
Transfer from Ops Budget		8,503	23,440	32,160	31,140	39,600	38,810
Transfer from Cap Fund		-					
Transfer to Cap Fund		-	(34,000)	(35,000)	(35,000)	(5,000)	-
Interest Income*		720					
Ending Balance \$		25,393	14,833	11,993	8,133	42,733	81,543

Assumptions/Background:

Transfer as much as operating budget will allow.

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

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

Service No.	2.622	Carry Forward from 2024	2025	2026	2027	2028	2029	TOTAL
	Cedars of Tuam Water (SSI)							

EXPENDITURE

Buildings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineered Structures	\$55,000	\$131,000	\$870,000	\$470,000	\$460,000	\$0	\$0	\$1,931,000
Vehicles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$70,000	\$146,000	\$870,000	\$470,000	\$460,000	\$0	\$0	\$1,946,000

SOURCE OF FUNDS

Capital Funds on Hand	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
Debenture Debt (New Debt Only)	\$0	\$0	\$835,000	\$435,000	\$435,000	\$0	\$0	\$1,705,000
Equipment Replacement Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grants (Federal, Provincial)	\$42,000	\$92,000	\$0	\$0	\$20,000	\$0	\$0	\$112,000
Donations / Third Party Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Fund	\$8,000	\$34,000	\$35,000	\$35,000	\$5,000	\$0	\$0	\$109,000
	\$70,000	\$146,000	\$870,000	\$470,000	\$460,000	\$0	\$0	\$1,946,000

Definitions for the 5-year Capital Plan

Asset Class	<p>Asset class is used to classify assets for financial reporting in accordance with the Public Sector Accounting Board (PSAB) 3150.</p> <p>L - Land S - Engineering Structure B - Buildings V - Vehicles E - Equipment</p>
Capital Expenditure Type	<p>Capital expenditure type is used for reporting on asset investments and may be used to justify operational needs for a service.</p> <p>Study - Expenditure for feasibility and business case report. New - Expenditure for new asset only Renewal - Expenditure upgrades an existing asset and extends the service ability or enhances technology in delivering that service Replacement - Expenditure replaces an existing asset</p>
Carryforward	<p>Represents the carryforward amount from the prior year capital plan that is remaining to be spent. Forecast this spending over the next 5 years.</p>
Funding Source	<p>Debt - Debenture Debt (new debt only) ERF - Equipment Replacement Fund Grant - Grants (Federal, Provincial) Cap - Capital Funds on Hand Other - Donations / Third Party Funding Res - Reserve Fund WU - Water Utility</p> <p>If there is more than one funding source, additional rows are shown for the project.</p>

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2025 - 2029

Service #:

2.622

Service Name:

Cedars of Tuam Water (551)

PROJECT DESCRIPTION				PROJECT BUDGET & SCHEDULE									
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class	Funding Source	Carryforward	2025	2026	2027	2028	2029	5 - Year Total auto-populates
18-01	Decommission	Abandon unused wells	Decommission wells.	\$ 5,000	S	Res	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
21-03	New	Design and construct new well and dist. system	Detailed designs, IHA application, construction documents. Includes construction, construction administration and CRD PM.	\$ 835,000	S	Debt	\$ -	\$ -	\$ 835,000	\$ -	\$ -	\$ -	\$ 835,000
22-02	New	Power generation equipment	Back up power construction (only required if new well does not go ahead).	\$ 35,000	S	Res	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
23-01	New	Electrical Service Replacement	Operations has developed a SOW to replace the failing electrical service, replace baseboard heater with heat tracing, replace fuse switch, Square D Load Centre, wooden electrical mast, well pump cables, replace lighting with LED, install CR rated receptacles, install exhaust system. (only required if new well does not go ahead).	\$ 50,000	S	Grant	\$ 42,000	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 42,000
23-01	New	Electrical Service Replacement		\$ -	S	Res	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000
24-02	New	Referendum or Alternative Approval Process - Funding for Future Projects	Seek service area electors approval to fund projects	\$ 10,000	S	Res	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
24-03	New	Public Engagement for Future Projects	Undertake a referendum or AAP to borrow funds	\$ 5,000	S	Cap	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000
26-01	New	Analysis and Design of AC pipe replacement	Analysis and Design of AC pipe replacement.	\$ 30,000	S	Res	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
26-02	New	New pipeline construction	New pipeline construction to replace AC pipe.	\$ 870,000	S	Debt	\$ -	\$ -	\$ -	\$ 435,000	\$ 435,000	\$ -	\$ 870,000
27-01	Study	Update Asset Management Plan	Revise McElhinney Condition Assessment to SAMP.	\$ 25,000	S	Grant	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
27-01	Study	Update Asset Management Plan	CRD Project Management	\$ -	S	Res	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ 5,000
25-01	Study	Well Testing for WIN 19325 (Early Approval)	Well testing for new well WIN 19325 at 736 Isabella Point Road to determine suitability of use.	\$ 58,000	S	Res	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000
25-01	Study	Well Testing for WIN 19325 (Early Approval)	Well testing for new well WIN 19325 at 736 Isabella Point Road to determine suitability of use.	\$ -	S	Grant	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
25-02	New	Sand separator and chlorine analyzer (Early Approval)	Install sand separator and chlorine analyzer to improve process performance of WTP.	\$ 8,000	S	Res	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000
21-05	New	Chlorinator, level transducer and flow meter replacement	replace chlorinator and chlorine analyzer, install well level transducer and replace raw water flow meter	\$ 36,000	E	Cap	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
				\$ -									\$ -
				\$ -									\$ -
			Grand Total	\$ 1,967,000				\$ 146,000	\$ 870,000	\$ 470,000	\$ 460,000	\$ -	\$ 1,946,000

Service: **2.622** **Cedars of Tuam Water (SSI)**

Project Number	18-01	Capital Project Title	Abandon unused wells	Capital Project Description	Decommission wells.
Project Rationale	Abandon unused wells to prevent groundwater contamination.				

Project Number	21-03	Capital Project Title	Design and construct new well and dist. system	Capital Project Description	Detailed designs, IHA application, construction documents. Includes construction, construction administration and CRD PM.
Project Rationale	Detailed design and construction for new well - \$90K in 2024. Construction - \$650K in 2025. Construction Administration - \$65K in 2025. CRD PM - \$30K in 2025.				

Project Number	22-02	Capital Project Title	Power generation equipment	Capital Project Description	Back up power construction (only required if new well does not go ahead).
Project Rationale	Design of back up power. Project contingent on the new well project not proceeding. Construction \$30K. CRD PM - \$5K.				

Project Number	23-01	Capital Project Title	Electrical Service Replacement	Capital Project Description	Operations has developed a SOW to replace the failing electrical service, replace baseboard heater with heat tracing, replace fuse switch, Square D Load Centre, wooden electrical mast, well pump cables, replace lighting with LED, install CR rated receptacles, install exhaust system. (only required if new well does not go ahead).
Project Rationale	Operations has developed a SOW to replace the failing electrical service, replace baseboard heater with heat tracing, replace fuse switch, Square D Load Centre, wooden electrical mast, well pump cables, replace lighting with LED, install CR rated receptacles, install exhaust system. (only required if new well does not go ahead).				

Service: 2.622 Cedars of Tuam Water (SSI)

Project Number 24-02 **Capital Project Title** Referendum or Alternative Approval Process - Funding for Future Projects **Capital Project Description** Seek service area electors approval to fund projects
Project Rationale Obtain residents approval for project and borrowing.

Project Number 24-03 **Capital Project Title** Public Engagement for Future Projects **Capital Project Description** Undertake a referendum or AAP to borrow funds
Project Rationale Inform residents about future project so they can make informed decision on approval and borrowing.

Project Number 26-01 **Capital Project Title** Analysis and Design of AC pipe replacement **Capital Project Description** Analysis and Design of AC pipe replacement.
Project Rationale New pipeline construction to replace AC pipe. Analysis and investigation - \$20K. CRD PM - \$10K.

Project Number 26-02 **Capital Project Title** New pipeline construction **Capital Project Description** New pipeline construction to replace AC pipe.
Project Rationale Construction - \$830K. Construction services \$20K.. CRD PM - \$20K

Project Number 27-01 **Capital Project Title** Update Asset Management Plan **Capital Project Description** Revise McElhanney Condition Assessment to SAMP.
Project Rationale Revise current AMP to incorporate changes to facility.

Project Number 25-01 **Capital Project Title** Well Testing for WIN 19325 (Early Approval) **Capital Project Description** Well testing for new well WIN 19325 at 736 Isabella Point Road to determine suitability of use.
Project Rationale Perform well test on potential new well to replace failing wells.

Service: 2.622 Cedars of Tuam Water (SSI)

Project Number	25-02	Capital Project Title	Sand separator and chlorine analyzer (Early Approval)	Capital Project Description	Install sand separator and chlorine analyzer to improve process performance of WTP.
Project Rationale	Install sand separator and chlorine analyzer to improve process performance of WTP.				

Project Number	21-05	Capital Project Title	Chlorinator, level transducer and flow meter replacement	Capital Project Description	replace chlorinator and chlorine analyzer, install well level transducer and replace raw water flow meter
Project Rationale	replace chlorinator and chlorine analyzer, install well level transducer and replace raw water flow meter				

2.622 - Cedars of Tuam Water

Capital Projects

Updated @ Sep 04, 2024

Year	Project#	Status	Capital Project Description	Total Project Budget	Spending		Total Funding in Place
					Expenditure Actuals	Remaining Spending	
2019	CE.699.4502	Open	Safe Work Procedures	3,000	768	2,233	3,000
2021	CE.792.1601	Open	Water Systems Upgrade	36,000	16,963	19,037	36,000
2022	CE.802.8301	Open	Public Engagement	5,000	-	5,000	5,000
			Totals	44,000	17,731	26,270	44,000

Service: **2.622 Cedars of Tuam Water (SSI)**

Committee: **Electoral Area Services**

<u>Year</u>	<u>SFE's</u>	<u>User Charge*</u>	<u>Bylaw</u>	<u>Actual Assessments \$(000's)</u>
2012	16	\$1,603.87	3864	8,731.60
2013	16	\$1,373.62	3891	8,248.70
2014	16	\$1,373.62	3925	8,198.50
2015	16	\$1,470.63	3993	8,199.00
2016	16	\$1,544.38	4073	7,716.70
2017	16	\$1,623.76	4208	8,070.00
2018	17	\$1,741.18	4236	9,419.00
2019	17	\$1,841.76	4311	10,129.00
2020	17	\$1,950.76	4339	10,690.70
2021	17	\$1,900.00	4395	12,133.20
2022	17	\$1,941.18	4470	15,193.90
2023	17	\$1,941.18	4525	16,915.10
2024	17	\$2,297.71	4586	16,127.20
2025	17	\$3,217.06		

Change from 2024 to 2025

\$919.35

40.01%

* A variable consumption charge is paid in addition to the user charge.

Cedar of Tuam Water (SSI)
Funding Analysis 2021 - 2025

