

2022 BUDGET

Workbook

WATER AND WASTEWATER

June 2022



West Nipissing Ouest



Water and Wastewater

The Water and Wastewater department is responsible for the treatment, supply and delivery of safe drinking water as well as the reliable collection and treatment of wastewater. The department operates in a highly regulated structure of federal, provincial and municipal regulations, policies and standards. The Verner facilities are operated by the Ontario Clean Water Agency (OCWA).

Facilities

Field Wastewater Treatment Plant
Sturgeon Falls Wastewater Treatment Plant
Sturgeon Falls Water Treatment Plant
Verner Water Treatment Plant (Operated by OCWA)
Verner Lagoon (Operated by OCWA)

Services

Deliver safe drinking water to the community
Provide reliable and sanitary sewage collection
Supply water for firefighting services where drinking water is available

In 2021

- We received approximately **94** customer service requests
- The Sturgeon Falls Water Plant supplied over **1.33 million cubic metres** of drinking water to 8000 residents
→ Approximately **2 barrels of water per person per day**
- The Sturgeon Falls Wastewater Plant treated over **1.80 million cubic metres** of wastewater
- The Verner Water Plant supplied **126 000 cubic metres** of drinking water to 1000 residents
→ Approximately **1.5 barrels of water per person per day**
- The Verner lagoons treated about **255 000 cubic metres** of wastewater

Focus and Goals

- Continue to provide safe and reliable services
- Ensure safe drinking water and properly treated wastewater
- Cost effective services
- Preventive maintenance and upgrades of equipment
- Emergency preparedness
- Forecast and plan to ensure sustainability and growth



Budget Highlights from 2021

- Underspent in wages (and corresponding benefits) due to unplanned for absences
- Underspent in training due to challenges with training during COVID
- Decrease in general contractors but higher unplanned maintenance costs at the Verner Treatment Plant
- Hydro costs were significantly under budget

Key 2022 Budget Changes

- Slight increase to contribution to capital reserve for future projects
- Significant number of capital projects while continuing design work in order to have “shovel ready” projects





2022 Budget

		2021		2022	
	Actual	Budget	Variance	Budget	Variance
Revenues					
Provincial Grant	-	-	-	-	-
Rate Revenue	5,973,437	5,933,450	39,987	5,973,437	39,987
Interest Revenue	20,231	15,000	5,231	15,000	-
Other Income	9,549	34,500	(24,951)	34,500	-
West Nipissing Power Generation	70,000	70,000	-	70,000	-
Total Revenues	6,073,217	6,052,950	20,267	6,092,937	39,987
Expenditures					
HR Costs					
Salaries & Wages	941,207	1,078,845	137,638	1,098,500	(19,655)
Benefits	243,770	279,490	35,720	289,400	(9,910)
Education	5,881	34,500	28,619	34,500	-
Total HR Costs	1,190,858	1,392,835	201,977	1,422,400	(29,565)
Operating Costs					
Advertising	-	500	500	500	-
Contractors	125,769	190,000	64,231	190,000	-
General Insurance	206,059	206,060	1	245,600	(39,540)
Insurance settlements	7,510	-	(7,510)	-	-
Interest on Loans	353,644	358,554	4,910	302,950	55,604
Materials & Supplies	198,591	172,750	(25,841)	182,750	(10,000)



Office Supplies	34,885	35,800	915	36,800	(1,000)
Process Materials	650,619	715,250	64,631	715,250	-
Professional Fees	21,435	10,000	(11,435)	15,000	(5,000)
Repairs & Maintenance	110,815	126,000	15,185	126,000	-
Services and Rents	370,224	320,000	(50,224)	336,000	(16,000)
Utilities & Telecommunication	455,615	541,659	86,044	542,349	(690)
Vehicle Expenses	34,767	21,000	(13,767)	29,400	(8,400)
Total Material, Supplies & Rents	2,569,933	2,697,573	127,640	2,722,599	(25,026)
Total Expenditures	3,760,791	4,090,408	329,617	4,144,999	(54,591)
Net Surplus (Deficit) Operations	2,312,426	1,962,542	349,884	1,947,938	(14,604)
Transfer to Reserve	1,130,000	1,130,000	-	1,175,000	(45,000)
Contribution from Reserve	(384,922)	(980,855)	(595,933)	(1,912,800)	931,945
Funding	(228,973)	(310,145)	(81,172)	(968,400)	658,255
Other revenue			-		-
Total Change in Reserves	516,105	(161,000)	(677,105)	(1,706,200)	1,545,200
Payments on Loans	832,178	832,542	364	881,100	(48,558)
Total Change in Financing	832,178	832,542	364	881,100	(48,558)
Capital Assets					
Capital expenditures-Infrastructure	398,856	385,000	(13,856)	1,439,300	(1,054,300)
Capital expenditures-Equipment	215,039	841,000	625,961	1,361,900	(520,900)
Capital expenditures-Fleet	-	65,000	65,000	80,000	(15,000)
Total Capital Assets	613,895	1,219,000	677,105	2,881,200	(1,590,200)
	1,962,178	1,962,542	364	2,056,100	(93,558)
Surplus (Deficit)	350,248	-	350,248	(108,162)	(108,162)





Budgeted Rate Revenue for 2021	5,933,450
% Rate increase	1.82%
Budgeted Rate Revenue for 2022	6,081,599

Reserve Position as of December 31, 2021

Opening Balance	1,243,332
Approved Transactions	-
<hr/>	
Interim Balance	1,243,332
<hr/>	
Surplus from	350,248
<hr/>	
Ending Balance	1,593,580
<hr/> <hr/>	





Summary of Dedicated Reserves as of December 31, 2021

	Opening Balance	Additions	Transfer to Capital Fund	Reserve Available	Expenditure	Ending Balance
Equipment	92,814	30,000		122,814	-	122,814
Infrastructure	2,166,260	1,100,000		3,266,260	384,922	2,881,338
Infrastructure (Planning)	18,037	-		18,037		18,037
	2,277,111	1,130,000	-	3,407,111	384,922	3,022,189

Rates

	2021 Rate	Proposed 2022
Water service	\$630.30	\$641.79
Sanitary sewer service	\$787.87	\$802.23
Both water and sewer	<u>\$1,418.17</u>	<u>\$1,444.02</u>



Capital Infrastructure

Carried from 2021

Sturgeon Falls Wastewater Treatment Plant		80,000
	Coat concrete (clarifiers)	
	iFix	50,000
	Thermophilic treatment project	100,000
Sturgeon Falls Water Treatment Plant		10,000
	Computers/SCADA	
	6 of 7 High lift pump - preventive maintenance	30,000
	Facility maintenance	115,900
Verner Water Treatment Plant		50,000
	iFix	
WD/WWC		30,000
	SCADA/iFix Licence	
	Verner CPR Agreement Prelim Design	170,000
	Designs - Nipissing, Ethel, King, Main, Salter	200,000



Capital Projects 2022

Field Wastewater Treatment Plant	Heated shed for bulk chemical storage (sea can)	20,000
	Discharge flow actuator	18,000
		<hr/> 38,000
SF Wastewater Treatment Plant	2 replacement chemical pumps	14,000
	Lab countertop	10,000
	Queen Street VFD	20,000
	Grit Auger	60,000
	Security cameras	10,000
		<hr/> 124,000
SF Water Treatment Plant	7 of 7 High lift pump rebuild	35,000
	Electronic upgrades (Polymer feeder, analyzer)	13,000
	Shed for portable generator (water tower)	15,000
	Security cameras	10,000
		<hr/> 73,000
Verner	Pump station control panel	70,000
	Water tower cleaning and inspection; vents	18,000
	Plant HVAC	8,000
	Agilis Connectivity	45,000
	<hr/> 141,000	



SPS/SLS	Flygt pump for Bay/Cache Bay	35,000
	Roof Ice Deflector (Main Station)	10,000
	Lift station communication	60000
		<hr/> 105,000
WD/WWC	Manholes	10,000
	Chateau Terrace - hydrant/station	10,000
	Verner DW along CPR Detailed Designs	50,000
	Construction – ICIP Watermain loop	1,000,000
	Bay Station upgrade designs	25,000
	Valve replacement Verner	20,000
	Facility upgrades (shared with Public Works)	150,000
	<hr/> 1,265,000	
FLEET	Backhoe	80,000
		<hr/> 80,000

