

2023 BUDGET

Water and Wastewater Workbook

March 28, 2023



West Nipissing Oust



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

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





2023 Budget

	2022			2023	
	Actual	Budget	Variance	Budget	Variance
Revenues					
Provincial Grant	-	-	-	-	-
Rate Revenue	6,117,685	6,116,600	1,085	6,116,600	-
Interest Revenue	20,405	15,000	5,405	20,000	5,000
Other Income	33,095	34,500	(1,405)	34,500	-
West Nipissing Power Generation	35,000	35,000	-	-	(35,000)
Total Revenues	6,206,185	6,201,100	5,085	6,171,100	(30,000)
Expenditures					
HR Costs					
Salaries & Wages	982,481	1,098,500	116,019	1,128,300	(29,800)
Benefits	230,764	289,400	58,636	309,500	(20,100)
Education	17,074	34,500	17,426	34,500	-
Total HR Costs	1,230,319	1,422,400	192,081	1,472,300	(49,900)
Operating Costs					
Advertising	-	500	500	500	-
Contractors	99,992	190,000	90,008	190,000	-
General Insurance	245,600	245,600	-	267,200	(21,600)
Interest on Loans	301,572	302,950	1,378	248,150	54,800
Materials & Supplies	126,781	182,750	55,969	182,750	-



Office Supplies	33,492	36,800	3,308	36,800	-
Process Materials	681,491	715,250	33,759	710,250	5,000
Professional Fees	40,465	15,000	(25,465)	25,000	(10,000)
Repairs & Maintenance	88,084	126,000	37,916	126,000	-
Services and Rents	361,521	336,000	(25,521)	360,600	(24,600)
Special Projects	-	-	-	-	-
Utilities & Telecommunication	501,932	542,350	40,418	531,100	11,250
Vehicle Expenses	34,081	29,400	(4,681)	33,000	(3,600)
Non TCA Expenses	-	-	-	-	-
Total Material, Supplies & Rents	2,515,011	2,722,600	207,589	2,711,350	11,250
Total Expenditures	3,745,330	4,145,000	399,670	4,183,650	(38,650)
Net Surplus (Deficit) Operations	2,460,855	2,056,100	404,755	1,987,450	(68,650)
Transfer to Reserve	1,175,000	1,175,000	-	1,175,000	-
Contribution from Reserve	(993,236)	(1,982,800)	(989,564)	(4,360,900)	2,378,100
Funding	-	(968,400)	(968,400)	(3,463,400)	2,495,000
Other revenue					
Total Change in Reserves	181,764	(1,776,200)	(1,957,964)	(6,649,300)	4,873,100
Repayment to General Reserve	-	-	-	-	-
Payments on Loans	881,059	881,100	41	935,900	(54,800)
Total Change in Financing	881,059	881,100	41	935,900	(54,800)
Capital Assets					
Capital expenditures-Infrastructure	324,747	1,439,300	1,114,553	5,963,300	(4,524,000)
Capital expenditures-Equipment	525,435	1,361,900	836,465	1,581,000	(219,100)
Capital expenditures-Fleet	143,054	150,000	6,946	280,000	(130,000)





Total Capital Assets	993,236	2,951,200	1,957,964	7,824,300	(4,873,100)
	2,056,059	2,056,100	41	2,110,900	(54,800)
Surplus (Deficit)	404,796	-	404,796	(123,450)	(123,450)

Reserve Position as of December 31, 2022

Opening Balance	1,593,580
Approved Transactions	-
Interim Balance	1,593,580
Surplus from current year	404,796
Ending Balance	1,998,376





Summary of Dedicated Reserves as of December 31, 2022

	Opening Balance	Additions	Transfer to Capital Fund	Reserve Available	Expenditure	Ending Balance
Equipment	122,814	35,000		157,814	143,054	14,760
Infrastructure	2,881,338	1,140,000		4,021,338	850,182	3,171,156
Infrastructure (Planning)	18,037	-		18,037		18,037
	3,022,189	1,175,000	-	4,197,189	993,236	3,203,953

Capital Infrastructure

2022 Committed Projects

Communications & technology upgrades at lift and pump stations	39,500
Technology & security upgrades at the wastewater treatment plant	60,000
Technology & security upgrades at the water treatment plant	50,000
Distribution/Collection office (shared with Public Works)	150,000
Design - WPCO Sludge Treatment	5,000
Analysis - Verner lagoon	25,000
Design - Verner Water Service upgrades	20,000
Design Nipissing et al	30,000
Design - Thermophilic	49,000
Total	428,500



2023 Projects

Sturgeon Falls Wastewater treatment plant

Equipment upgrades	166,000
Facility maintenance	90,000

Sturgeon Falls Water treatment plant

Equipment upgrades	165,000
Facility maintenance	275,000
Generator	130,000

Verner Water treatment plant

Equipment upgrades	25,000
Water Tower maintenance	470,000

Pump and Lift stations

Control panel	100,000
Equipment upgrades	100,000

Infrastructure projects

John Street (Clark to Coursol)	1,000,000
Watermain looping project	4,282,800
Industrial Park	250,000
Manholes	10,000
Valves	52,000

Fleet

Utility trailer	10,000
Tractor	50,000
Truck	75,000
Sweeper (50/50 with PW)	145,000

Total	7,395,800
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