

APPENDIX A: TABLE 1

CITY OF OWEN SOUND
2020 WATER AND WASTEWATER RATE STUDY
WATER RATE CALCULATIONS

Water Services	2023 Budget	2024 Proj.	2025 Proj.	2026 Proj.	2027 Proj.	2028 Proj.	2029 Proj.	2030 Proj.	2031 Proj.	2032 Proj.
Expenditures										
Operating										
Annual Gross Operating Expenditures	\$ 3,984,229	\$ 4,113,798	\$ 4,248,453	\$ 4,388,420	\$ 4,533,937	\$ 4,685,251	\$ 4,842,623	\$ 5,006,326	\$ 5,176,645	\$ 5,353,880
Current Outstanding Debt	\$ 387,684	\$ 387,684	\$ 387,684	\$ 387,684	\$ 255,621	\$ 255,621	\$ 255,621	\$ 255,621	\$ 255,621	\$ 255,621
Debt Financing Costs (P+I for New Capital)	\$ -	\$ -				\$ 1,050,715	\$ 1,050,715	\$ 1,050,715	\$ 1,050,715	\$ 1,050,715
Subtotal Annual Gross Operating Expenditures	\$ 4,371,913	\$ 4,501,482	\$ 4,636,137	\$ 4,776,104	\$ 4,789,558	\$ 5,991,587	\$ 6,148,959	\$ 6,312,662	\$ 6,482,981	\$ 6,660,217
Capital										
In-Year Non-Growth Related Capital Works Share	\$ 10,367,850	\$ 8,117,944	\$ 6,206,367	\$ 2,468,027	\$ 1,675,320	\$ 2,559,775	\$ 3,454,184	\$ 3,750,975	\$ 1,609,273	\$ 4,467,746
Other Capital Requirements	\$ -									
Smoothing for Capital - Debt Financing	\$ (3,560,000)	\$ (4,564,500)	\$ (3,641,400)	\$ -						
Sub-total Capital	\$ 6,807,850	\$ 3,553,444	\$ 2,564,967	\$ 2,468,027	\$ 1,675,320	\$ 2,559,775	\$ 3,454,184	\$ 3,750,975	\$ 1,609,273	\$ 4,467,746
Asset Replacement Reserve Contribution										
Contribution To/(from) Reserves	\$ 1,205,396	\$ (1,575,732)	\$ (279,133)	\$ 142,868	\$ 1,420,919	\$ (130,405)	\$ (650,787)	\$ (631,127)	\$ 2,602,887	\$ (107,040)
Total Capital Expenditures	\$ 8,013,246	\$ 1,977,712	\$ 2,285,834	\$ 2,610,895	\$ 3,096,238	\$ 2,429,370	\$ 2,803,397	\$ 3,119,848	\$ 4,212,161	\$ 4,360,706
Total Annual Expenditures	\$ 12,385,159	\$ 6,479,194	\$ 6,921,972	\$ 7,386,999	\$ 7,885,796	\$ 8,420,957	\$ 8,952,356	\$ 9,432,510	\$ 10,695,142	\$ 11,020,923
Non-Rate Revenues										
Transfer from Reserves (for Capital)	\$ (3,458,298)									
Grant Funding	\$ (2,841,900)								\$ (846,198)	\$ (781,106)
Non-User Rate Revenues	\$ (60,000)	\$ (60,000)	\$ (61,200)	\$ (62,424)	\$ (63,672)	\$ (64,946)	\$ (66,245)	\$ (67,570)	\$ (68,921)	\$ (70,300)
Total Non-User Rate Revenues	\$ (6,360,198)	\$ (60,000)	\$ (61,200)	\$ (62,424)	\$ (63,672)	\$ (64,946)	\$ (66,245)	\$ (67,570)	\$ (915,120)	\$ (851,406)
Net Rate Funding Need	\$ 6,024,961	\$ 6,419,194	\$ 6,860,772	\$ 7,324,575	\$ 7,822,124	\$ 8,356,011	\$ 8,886,111	\$ 9,364,940	\$ 9,780,022	\$ 10,169,517

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\$158,779.42

**CITY OF OWEN SOUND
2020 WATER AND WASTEWATER RATE STUDY
WATER RATE CALCULATIONS**

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**CITY OF OWEN SOUND
2020 WATER AND WASTEWATER RATE STUDY
WATER RATE CALCULATIONS**

Reserve Fund Continuity Schedule												
Opening Balance	\$ 3,390,488	\$ 1,205,396	-\$ 346,228	-\$ 632,285	-\$ 502,063	\$ 908,815	\$ 796,586	\$ 161,731	-\$ 466,162	\$ 2,127,402		
Transfer to (from) reserves	\$ (2,252,902)	\$ (1,575,732)	\$ (279,133)	\$ 142,868	\$ 1,420,919	\$ (130,405)	\$ (650,787)	\$ (631,127)	\$ 2,602,887	\$ (107,040)		
Interest on Opening Balance	\$ 67,810	\$ 24,108	\$ (6,925)	\$ (12,646)	\$ (10,041)	\$ 18,176	\$ 15,932	\$ 3,235	\$ (9,323)	\$ 42,548		
Interest on In-Year Transaction												
Ending Balance	\$ 1,205,396	\$ (346,228)	\$ (632,285)	\$ (502,063)	\$ 908,815	\$ 796,586	\$ 161,731	\$ (466,162)	\$ 2,127,402	\$ 2,062,910		