

08-29-2024

**City Council Work Session
Supplemental Packet**

City of Afton
3033 St. Croix Trl, P.O. Box 219
Afton, MN 55001

Meeting Date August 29, 2024

Council Memo

To: Mayor Palmquist and City Council Members

From: Ron Moorse, City Administrator

Date: August 22, 2024

Re: 2025 Draft Budget – **Supplemental – Sanitary Sewer Budget Projections**

Attached is a spreadsheet with projected expenditures and revenues for the Sanitary Sewer Fund for 2024 through 2030.

Wastewater Monthly Rate Worksheet

City of Afton

Number of Connections 2025 160 Inflation Rate 2.50%
 Billing Frequency 12 Rate per connection 2025 \$ 60.00

Total Expenses	2024	2025	2026	2027	2028	2029	2030
Rate Per Month	\$ 55.00	\$ 60.00	\$ 65.00	\$ 70.00	\$ 72.99	\$ 74.82	\$ 76.69
Annual Income and \$15,000 levy in 202	\$ 90,000.00	\$ 130,200.00	\$ 127,140.00	\$ 136,920.00	\$ 140,147.00	\$ 143,650.68	\$ 147,241.94
Annual O & M Expense	\$ 106,615.00	\$ 82,630.38	\$ 84,696.13	\$ 85,521.27	\$ 87,659.30	\$ 89,850.78	\$ 92,097.05
Annual Repair Expense	\$ 6,500.00	\$ 10,562.50	\$ 2,626.56	\$ 32,492.23	\$ 10,759.53	\$ 2,828.52	\$ 11,399.23
Net Income	\$ (23,115.00)	\$ 37,007.13	\$ 39,817.30	\$ 18,906.50	\$ 41,728.17	\$ 50,971.37	\$ 43,745.66
Wastewater Account Balance	\$ (23,115.00)	\$ 13,892.13	\$ 53,709.43	\$ 72,615.93	\$ 114,344.10	\$ 165,315.47	\$ 209,061.13

Maintenance Items	2024	2025	2026	2027	2028	2029	2030
Wastewater Annual Expenses							
Electricity	\$ 2,500.00	\$ 2,562.50	\$ 2,626.56	\$ 2,692.23	\$ 2,759.53	\$ 2,828.52	\$ 2,899.23
Septic Tank Pumping	\$ 15,000.00	\$ 15,375.00	\$ 15,759.38	\$ 16,153.36	\$ 16,557.19	\$ 16,971.12	\$ 17,395.40
Site Mowing (Annual)	\$ 800.00	\$ 820.00	\$ 840.50	\$ 861.51	\$ 883.05	\$ 905.13	\$ 927.75
Snow Removal (Annual)	\$ 800.00	\$ 820.00	\$ 840.50	\$ 861.51	\$ 883.05	\$ 905.13	\$ 927.75
Flow meter calibration	\$ 500.00	\$ 512.50	\$ 525.31	\$ 538.45	\$ 551.91	\$ 565.70	\$ 579.85
Service provider & sampling	\$ 31,200.00	\$ 31,980.00	\$ 32,779.50	\$ 33,598.99	\$ 34,438.96	\$ 35,299.94	\$ 36,182.43
Blower filter	\$ 115.00	\$ 117.88	\$ 120.82	\$ 123.84	\$ 126.94	\$ 130.11	\$ 133.36
Nitrate Testtubes	\$ 1,000.00	\$ 1,025.00	\$ 1,050.63	\$ 1,076.89	\$ 1,103.81	\$ 1,131.41	\$ 1,159.69
Pumps installed (3 per year avg)	\$ 8,500.00	\$ 8,712.50	\$ 8,930.31	\$ 9,153.57	\$ 9,382.41	\$ 9,616.97	\$ 9,857.39
Chemical Expense (Micro C 2000)	\$ 15,000.00	\$ 15,375.00	\$ 15,759.38	\$ 16,153.36	\$ 16,557.19	\$ 16,971.12	\$ 17,395.40
Lift Station annual maintenance	\$ 1,200.00	\$ 1,230.00	\$ 1,260.75				
Generator annual maintenance	\$ 1,000.00	\$ 1,025.00	\$ 1,050.63	\$ 1,076.89	\$ 1,103.81	\$ 1,131.41	\$ 1,159.69
unbilled costs from prior year	\$ 6,000.00		\$ -	\$ -	\$ -	\$ -	\$ -
One-time equip repl., repairs	\$ 20,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emergency Callout	\$ 3,000.00	\$ 3,075.00	\$ 3,151.88	\$ 3,230.67	\$ 3,311.44	\$ 3,394.22	\$ 3,479.08
Annual Expense	\$ 106,615.00	\$ 82,630.38	\$ 84,696.13	\$ 85,521.27	\$ 87,659.30	\$ 89,850.78	\$ 92,097.05

Improvements & Repairs	2024	2025	2026	2027	2028	2029	2030
Septic tank lining/rehab (25 YR)							
Maintenace jetting Every 5-7 YR's		\$ 8,000.00			\$ 8,000.00		\$ 8,500.00
Lift Station pumps 2x (10 yr)				\$ 28,000.00			
Effluent Filter replacement (10 YR)				\$ 1,800.00			
Electroninc valve repair (10 YR)							
Electroninc valve replace (20 YR)							
Effluent Rail systems (25 Year)							
Chemical Pump (8 yr)							
Chemical tank stroage							
Flow Meter (25 yr)							
Gravel Filter Replacment (20yr-30yr)							
Aerobic system Blower (7YR)	\$ 4,000.00						
Building mainteance	\$ 2,500.00	\$ 2,562.50	\$ 2,626.56	\$ 2,692.23	\$ 2,759.53	\$ 2,828.52	\$ 2,899.23
Total Improvements	\$ 6,500.00	\$ 10,562.50	\$ 2,626.56	\$ 32,492.23	\$ 10,759.53	\$ 2,828.52	\$ 11,399.23