



Breakeven / Savings Analysis

Steeplegate Lift Station and Force Main Project
As of April 30, 2024

Monthly Payment Type	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
Expenditures												
SRP Loan Cost	Loan Payment	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11	\$3,761.11
City of Thomasville	Capacity Payment	\$41,514.08	\$41,514.08	\$41,514.08								
	Treatment Payment	\$57,000.00	\$57,000.00									
City of High Point	Capacity Payment	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42	\$30,541.42
	Treatment Payment	\$60,918.45	\$65,883.30	\$71,252.79	\$77,059.89	\$83,340.28	\$90,132.51	\$97,478.31	\$105,422.79	\$114,014.75	\$123,306.95	\$133,356.47
Total Monthly Payment		\$193,735.06	\$198,699.91	\$147,069.40	\$111,362.42	\$117,642.80	\$124,495.04	\$131,780.84	\$139,725.32	\$148,317.28	\$157,609.48	\$167,656.99
Potential Savings												
Annual Difference		-\$324,815.40	-\$274,652.85	\$79,890.31	\$119,949.24	\$163,272.98	\$210,127.60	\$260,800.87	\$315,604.02	\$374,873.61	\$438,973.69	\$508,297.91
Cumulative Savings		-\$324,815.40	-\$599,468.25	-\$519,577.94	-\$399,628.69	-\$236,355.71	-\$26,228.11	\$234,572.76	\$550,176.77	\$925,050.39	\$1,364,024.07	\$1,872,321.99
Flow per Year in Gallons per Day		450,000	463,500	477,405	491,727	506,479	521,673	537,324	553,443	570,047	587,148	604,762
Thomasville Starting Commodity Rate	per 1,000 gallons	\$ 6.99	\$ 7.34	\$ 7.71	\$ 8.09	\$ 8.50	\$ 8.92	\$ 9.37	\$ 9.84	\$ 10.33	\$ 10.84	\$ 11.39
High Point Starting Commodity Rate	per 748 gallons	\$ 3.32	\$ 3.49	\$ 3.66	\$ 3.84	\$ 4.04	\$ 4.24	\$ 4.45	\$ 4.67	\$ 4.91	\$ 5.15	\$ 5.41