

2025 CHEMICAL USE REPORT

<u>GALLONS</u>	2018	2019	2020	2021	2022	2023	2024	2025
TOTAL INFLUENT FLOW	2,127,692,000	2,493,211,300	2,170,385,000	2,302,155,000	2,324,470,000	2,454,679,000	2,645,961,085	2,343,684,700
**FLOW, MAY - SEPTEMBER	923,535,000	1,015,345,000	911,676,000	1,101,997,000	1,028,457,000	919,199,000	1,207,242,260	994,076,700

TOTAL \$ COST OF PURCHASES

<u>TREATMENT CHEMICAL</u>	2018	2019	2020	2021	2022	2023	2024	2025
FERRIC/ALUM - ACTIFLO/ DISC FILTER	\$250,405.00	\$327,298.00	\$379,168.00	\$329,078.00	\$416,948.00	\$ 422,127.66	\$ 271,049.94	\$ 203,896.00
POLYMER - ACTIFLO	46,772.00	39,909.00	44,871.00	\$49,107.00	\$44,965.00	\$ 51,520.00	\$ 64,400.00	\$ 61,180.00
ALUM- DISC FILTER							\$ 71,478.00	\$ 35,002.34
POLYMER- DISC FILTER							\$ 16,100.00	\$ 16,100.00
POLYMER - DAF	39,184.00	30,997.00	37,257.00	\$41,034.00	\$41,561.00	\$ 46,805.00	\$ 42,550.00	\$ 51,060.00
SULFURIC ACID - BIOFILTER	26,159.00	36,122.00	31,631.00	\$57,259.00	\$50,078.00	\$ 44,563.81	\$ 42,817.53	\$ 24,076.25
MURIATIC ACID-DISC FILTER							\$ 4,754.00	\$ 4,754.00
SODIUM HYPOCHLORITE**	21,049.00	29,565.00	35,922.00	\$31,117.00	\$47,538.00	\$ 45,472.60	\$ 60,860.32	\$ 38,029.00
SODIUM BISULFATE **	4682.00	5455.00	5641.00	\$10,466.00	\$9,520.00	\$ 7,471.26	\$ 13,070.70	\$ 9,314.72
TOTAL	\$388,251.00	\$469,346.00	\$534,490.00	\$518,061.00	\$610,610.00	\$ 617,960.33	\$ 587,080.49	\$ 443,412.31

\$ COST / MGD TREATED

<u>TREATMENT CHEMICAL</u>	2018	2019	2020	2021	2022	2023	2024	2025
FERRIC/ALUM - ACTIFLO/ DISC FILTER	\$117.00	\$131.28	\$174.70	\$142.94	\$179.37	\$ 171.97	\$ 102.44	\$ 87.00
POLYMER - ACTIFLO	22.00	16.01	20.67	\$21.33	\$19.34	\$ 20.99	\$ 24.34	\$ 26.10
ALUM- DISC FILTER							\$ 27.01	\$ 14.93
POLYMER- DISC FILTER							\$ 6.08	\$ 6.87
POLYMER - DAF	18.00	12.43	17.17	\$17.82	\$17.87	\$ 19.07	\$ 16.08	\$ 21.79
SULFURIC ACID - BIOFILTER	12.00	14.49	14.57	\$24.87	\$21.54	\$ 18.15	\$ 16.18	\$ 10.27
MURIATIC ACID-DISC FILTER							\$ 1.80	\$ 2.03
SODIUM HYPOCHLORITE**	22.80	29.12	39.40	\$28.24	\$46.22	\$ 49.47	\$ 50.41	\$ 38.26
SODIUM BISULFATE **	5.10	5.37	6.19	\$9.50	\$9.26	\$ 8.13	\$ 10.83	\$ 9.37
TOTAL	\$196.90	\$208.70	\$272.70	\$244.70	\$293.60	\$ 287.78	\$ 255.18	\$ 216.62

TOTAL GALLONS PURCHASED

<u>TREATMENT CHEMICAL</u>	2018	2019	2020	2021	2022	2023	2024	2025
FERRIC/ALUM - ACTIFLO	178,333	217,049	205,853	173,953	178,525	183,815	218,799	199,322
POLYMER - ACTIFLO	5,225	4,402	4,952	5,225	4,677	4,125	5,500	5,225
ALUM- DISC FILTER							56,184	30,388
POLYMER- DISC FILTER							1,375	1,375
POLYMER - DAF	3,575	2,751	3,301	3,575	3,577	3,025	2,750	3,300
MURIATIC ACID-DISC FILTER							648	650

SULFURIC ACID - BIOFILTER	10,062	13,336	11,729	15,022	13,497	11,730	12,030	8,046
SODIUM HYPOCHLORITE**	13,156	16,628	18,360	13,816	14,726	13,580	18,176	13,688
SODIUM BISULFATE**	2,838	3,078	3,051	4,486	3,205	2,492	4,387	3,111

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GALLONS OF CHEMICAL / MGD TREATED

TREATMENT CHEMICAL	2018	2019	2020	2021	2022	2023	2024	2025
FERRIC/ALUM - ACTIFLO	85.2	87.1	94.8	75.6	76.80	74.88	82.69	85.05
POLYMER - ACTIFLO	2.5	1.77	2.28	2.27	2.01	1.68	2.08	2.23
ALUM- DISC FILTER							21.23	12.97
POLYMER- DISC FILTER							0.52	0.59
POLYMER - DAF	1.7	1.10	1.52	1.55	1.54	1.23	1.04	1.41
MURIATIC ACID-DISC FILTER							0.24	0.28
SULFURIC ACID - BIOFILTER	4.7	5.36	5.4	6.53	5.81	4.78	4.55	3.43
SODIUM HYPOCHLORITE**	14.2	16.38	20.14	12.54	14.32	14.77	15.06	13.77
SODIUM BISULFATE**	3.0	3.03	3.35	4.07	3.12	2.71	3.63	3.13

**** May through September chemical use only**

GAS, ELECTRIC AND WATER CONS

NATURAL GAS	2018	2019	2020	2021	2022	2023	2024	2025
Therms	89,690	82,885	200,826	200,641	141,855	120,523	141,284	169,307
Cost \$	\$47,502.00	\$42,814.71	\$36,413.73	\$35,034.20	\$49,789	\$ 56,136	\$ 59,606	\$ 63,232
\$ Cost / MGD Treated	\$22.33	\$17.00	\$16.78	\$15.22	\$21.42	\$ 22.87	\$ 22.53	\$ 26.98
Therms / MGD Treated	-	-	92.53	87.15	61.03	49.10	53.40	72.24

POTABLE WATER	2018	2019	2020	2021	2022	2023	2024	2025
Cubic Feet	476,500	491,400	464,900	502,581.00	359,324	617,433	415,951	352,671
Cost \$	\$22,655.00	\$24,437.90	\$21,920.54	\$24,462.34	\$19,996	\$ 28,407	\$ 30,512	\$ 27,273
\$ Cost / MGD Treated	\$10.65	\$9.80	\$10.10	\$10.63	\$8.60	\$ 11.57	\$ 11.53	\$ 11.64
Cubic Feet / MGD Treated	224	197	214	218	155	251	157.20	150.48

ELECTRICAL POWER	2018	2019	2020	2021	2022	2023	2024	2025
KWH	7,682,476	8,051,500	7,957,863	8,189,111	8,307,941	8,358,112	8,397,829	7,637,205
COST \$	\$508,330.00	\$504,393.43	\$494,540.75	\$537,709.43	\$598,456	\$ 626,120	\$ 606,409	\$ 572,654
KWH / MGD Treated	3,610	3,229.38	3,664.85	3,557.08	3,574.08	3,405	3,174	3,259
\$ Cost / MGD Treated	\$238.91	\$202.31	\$227.86	\$233.56	\$257.46	\$ 255.07	\$ 229.18	\$ 244.34

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REMOVAL EFFICIENCY

<u>SOLIDS</u>		2019	2020	2021	2022	2023	2024	2025
Raw Influent		-	-	3,792,868	3,702,791	3,875,276	3,915,077	3,763,773
Final Effluent		-	-	131,927	179,960	208,640	91,131	75,360
Total Pounds Removed		-	-	3,660,941	3,522,831	3,666,576	3,823,946	3,688,413
Percent Removed		-	-	97%	95%	95%	98%	98%

<u>PHOSPHORUS</u>		2019	2020	2021	2022	2023	2024	2025
Raw Influent		75,998	84,460	91,720	88,454	96,111	89,911	95,011
Final Effluent		3,648	5,006	3,434	3,695	4,818	3,022	2,987
Total Pounds Removed		72,350	79,454	88,286	84,759	91,293	86,889	92,024
Percent Removed		95%	94%	96%	96%	95%	97%	97%

<u>AMMONIA</u>		2019	2020	2021	2022	2023	2024	2025
Raw Influent		-	-	705,049	653,175	673,897	592,437	497,329
Final Effluent		-	-	4,789	7,348	8,103	3,924	3,398
Total Pounds Removed		-	-	700,260	645,827	665,794	588,513	493,931
Percent Removed		-	-	99%	99%	99%	99%	99%

<u>BOD</u>		2019	2020	2021	2022	2023	2024	2025
Raw Influent		-	-	5,006,411	5,129,073	4,922,443	4,384,831	3,971,389
Final Effluent		-	-	110,270	130,962	130,231	78,603	72,843
Total Pounds Removed		-	-	4,896,141	4,998,111	4,792,212	4,306,228	3,898,546
Percent Removed		-	-	98%	97%	97%	98%	98%