

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for July 15th, 2024

Water Plant

- 1) Second Quarter DBPs sample were collected on 5/8/24, results for Haloacetic acids were 59.6 ug/l just under the limits of 60 ug/l. Bring our 4-quarter average to 67.35 ug/l. Our next sample in August will need to be below 93 ug/l to get us out of violation,
- 2) Expecting another violation notice sometime in July for 2nd quarter Haloacetic acids.
- 3) DOH has also issued a violation notice for failure to have a certified assistant operator, notification must be made in 1 year. I spoke to Billy Viccarelli St Johnsvilles IIA water operator, we are willing to work together to satisfy the needs DOH. The 2 Village Boards need to iron out the agreement. (no change)
- 4) I will be attending Lab training August 7th in Ballston Spa.
- 5) Working on a list of commercial customers that require backflow prevention as requested by DOH. Sophia is working on this program.
- 6) Water Meters were delivered, radios are scheduled for shipment July 19th. We can start installation as soon as manpower is available.
- 7) Caulfield Development cost recovery? DOH hopes to finish plan reviews June. (no change)
- 8) As of this report I have no updates from DEC on the logging issue. Continue to have elevated raw water turbidities during heavy rain events, as reflected in the number of filter cleanings.
- 9) Attended regular meeting for Source Water Protection Program.
- 10) Planning the cleaning of the reservoir the week of July 29th.
- 11) Any questions or concerns feel free to call, text or Email.

Attachments

- 1) June, water plant flow report.

	Filter Flow (gpd)	Effluent Flow (gpd)	Precip. (in.)	Filter Bed Turbidity NTU	Raw Water Turbidity NTU	Cleanwell (in. below full)	Village CL2 Residual mg/l	Village Turbidity NTU	Entry Point CL2 Residual mg/l	CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
Jun-24												
Sat. 1	534,885	465,836	0.00	0.057	0.148	8	1.08		1.070	5	9	
Sun. 2	507,393	502,010	0.00	0.057	0.145	0	1.04		1.080	3/142	10	
3	563,555	654,820	0.00	0.058	0.148	5	0.94	0.067	1.036	133	9	0.67
4	631,022	659,908	0.00	0.058	0.148	14	0.53	0.068	1.011	122	11	
5	663,162	683,630	0.00	0.058	0.151	18	0.98	0.061	1.216	110	12	
6	435,678	622,567	0.00	0.058	0.149	18	0.77	0.053	1.043	101	9	
7	416,414	563,693	1.00	0.041	0.537	14	0.67	0.067	1.104	89	12	
Sat. 8	533,319	431,569	0.50	0.043	0.258	7	1.05		1.059	78	11	
Sun. 9	485,154	441,217	0.70	0.043	0.173	0	0.95		1.159	67	11	
10	533,602	604,319	0.20	0.043	0.266	3	0.82	0.053	1.103	58	9	0.43
11	581,549	645,147	0.01	0.045	0.234	11	0.49	0.057	0.972	48	10	
12	616,992	625,897	0.00	0.045	0.198	18	0.62	0.048	0.901	35	13	
13	619,311	620,551	0.00	0.048	0.171	18	0.64	0.058	0.928	24	11	
14	502,595	542,518	0.40	0.044	0.199	17	0.32	0.068	0.898	14	10	
Sat. 15	541,596	449,329	0.00	0.043	0.160	11	0.90		0.931	3	11	
Sun. 16	489,087	465,815	0.00	0.042	0.134	0	0.95		0.961	1/142	10	0.90
17	543,669	668,065	0.00	0.042	0.123	3	0.92	0.062	1.002	132	10	
18	634,662	637,822	0.00	0.042	0.133	16	0.49	0.084	0.886	123	9	
19	636,131	636,439	0.00	0.041	0.147	16	0.51	0.064	0.981	113	10	
20	645,356	631,909	0.00	0.042	0.138	18	0.71	0.058	0.986	103	10	
21	623,060	588,804	0.00	0.042	0.137	15	0.29	0.094	0.989	92	11	
Sat. 22	519,144	428,824	0.90	0.041	0.169	7	1.06		1.014	82	10	
Sun. 23	475,318	427,508	1.50	0.046	1.750	0	0.94		1.046	73	9	
24	488,060	564,486	0.30	0.081	0.543	4	0.79	0.071	1.026	57	16	0.67
25	380,551	627,309	0.01	0.064	0.294	13	0.37	0.092	0.833	41	16	
26	418,593	629,571	0.00	0.053	0.199	21	0.46	0.067	1.041	25	16	
27	582,158	467,656	0.05	0.047	0.155	23	0.71	0.064	1.056	9	16	
28	500,317	446,853	0.00	0.044	0.137	10	0.36	0.084	1.134	3/143	13	
Sat. 29	464,619	430,368	0.10	0.043	0.124	3	0.74		1.083	134	9	
Sun. 30	444,923	431,556	1.60	0.043	0.787	0	0.76		1.049	126	8	
Total	16,011,875	16,595,996	7.27	1.454	8.055	311	21.860	1.340	30.598	1,997	331	2.67
Average	533,729	553,200		0.048	0.269	10	0.73	0.067	1.020	74	11.0	0.67