

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for August 19th, 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, Next sampling August 21st.
 - 2) Expecting another violation notice sometime in July for 2nd quarter Haloacetic acids. (no change)
 - 3) Working on a list of commercial customers that require backflow prevention as requested by DOH. Sophia is working on this program.
 - 4) Water Meters, all the pieces are in, install training and operation is scheduled for Monday the 19th.
 - 5) Caulfield Development cost recovery? DOH plan review done and comments made to B&L.
 - 6) DEC and logging issue, continue to have elevated raw water turbidities during heavy rain events, as reflected in the number of filter cleanings. (no change)
 - 7) Attended regular meeting for Source Water Protection Program.
 - 8) Reservoir cleaning was completed on Tuesday August 6th, everything went well.
 - 9) Any questions or concerns feel free to call, text or Email.
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Attachments

- 1) August, water plant flow report.

Respectfully, Neal A. Winkler, Water Plant Operator.

	Filter Flow (gpd)	Effluent Flow (gpd)	Precip. (in.)	Filter Bed Turbidity NTU	Raw Water Turbidity NTU	Clearwell (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)
Jul-24												
1	428,241	426,601	0.10	0.057	0.433	1	0.75	0.052	0.852	116	10	0.51
2	425,404	440,670	0.00	0.056	0.231	2	0.26	0.057	0.751	104	12	
3	440,951	442,547	0.00	0.051	0.157	4	0.45	0.054	1.333	88	16	
4	446,663	441,146	0.00	0.048	0.132	3	0.90		1.302	77	11	
5	449,374	432,685	0.00	0.046	0.119	2	0.33	0.084	1.105	68	9	
Sat. 6	450,522	447,672	0.20	0.046	0.109	1	0.82		1.066	60	8	
Sun. 7	463,908	469,578	0.00	0.046	0.116	1	0.81		1.078	50	10	
8	525,090	623,996	0.00	0.046	0.107	3	0.99	0.062	1.030	42	8	0.43
9	595,908	614,656	0.00	0.047	0.103	14	0.49	0.061	1.078	33	9	
10	594,413	562,197	0.00	0.047	0.108	16	0.70	0.083	1.004	24	9	
11	593,708	626,903	1.10	0.048	0.876	13	0.73	0.066	1.103	14	10	
12	591,124	589,638	0.01	0.056	0.316	17	0.21	0.088	1.109	1	13	
Sat. 13	539,451	444,963	0.00	0.056	0.203	16	0.71		1.098	<1/141	10	
Sun. 14	484,502	464,828	0.00	0.054	0.153	5	0.72		1.271	128	13	
15	441,844	597,832	0.00	0.052	0.132	8	0.92	0.069	1.137	118	10	
16	250,086	663,856	0.70	0.053	0.206	14	0.28	0.075	1.014	109	8	
17	437,623	683,318	1.70	0.058	1.270	22	0.46	0.081	1.103	95	14	
18	606,915	636,306	0.00	0.083	0.548	30	0.51	0.065	0.828	80	15	
19	573,644	606,745	0.00	0.071	0.284	37	0.41	0.087	0.907	62	18	
Sat. 20	555,108	457,112	0.00	0.064	0.211	42	0.54		1.115	46	16	
Sun. 21	535,788	468,832	0.00	0.061	0.144	26	0.66		1.274	31	15	
22	551,158	628,640	0.25	0.059	0.153	23	0.92	0.065	1.187	19	12	0.69
23	580,809	634,962	0.25	0.058	0.140	30	0.25	0.071	1.154	7	12	
24	615,854	660,186	0.00	0.059	0.132	37	0.93	0.098	1.135	2/143	12	
25	646,759	640,384	0.10	0.059	0.122	44	0.69	0.076	1.101	132	11	
26	660,748	633,547	0.00	0.059	0.120	41	0.61	0.078	1.224	120	14	
Sat. 27	630,984	460,249	0.00	0.059	0.112	35	0.83		1.073	110	10	
Sun. 28	502,836	458,224	0.00	0.059	0.107	13	0.78		1.139	101	9	
29	516,767	684,202	0.00	0.060	0.105	15	1.03	0.094	1.140	92	9	0.88
30	641,071	649,389	0.00	0.040	0.104	32	0.45	0.096	0.981	84	8	
31	615,080	594,162	0.00	0.041	0.102	30	0.77	0.086	1.038	76	8	
Total	16,392,333	17,186,026	4.41	1.699	7.155	577	19.910	1.648	33.730	2,087	349	2.51
Average	528,785	554,388		0.055	0.231	19	0.64	0.075	1.088	72	11.3	0.63