

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for April 17th, 2023

Water Plant

- 1) Filter cleaning as needed, cleaned 2 filters in April so far.
 - 2) Hexachlorocyclopentadiene, received word from DOH there will be NO violation issued for samples collected in 2022.
 - 3) Received and reviewed DOH report from the 2021 annual inspection, 2 main issues Cross connection control program, and certified assistant operator.
 - 4) Some minor damage at the reservoir from heavy rain and spring runoff, plugged culverts road way partly washed out and a major amount of silt and gravel washed in to the reservoir.
 - 5) 1st Quarter Haloacetic acids and Trihalomethanes (DBP) were collected on 2/15/23 results were well below the limits again.
 - 6) Water leak on Hopson Rd planned for repair on Saturday 15th.
 - 7) Receiving quotes for new generator, current one is 29 years old and has not worked for the last 2 power outages.
 - 8) Working with Chet to plan reservoir wall repairs, waiting on permits. Hope to meet with contractor this week.
 - 9) Any questions or concerns feel free to call, text or Email.
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Attachments

- 1) March, 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)
Mar-23												
1	332,000	461,499	1.5"s	0.036	0.081	8	0.78	0.056	1.207	133	7	
2	528,374	601,243	1"s	0.033	0.089	14	1.02	0.057	1.138	125	8	
3	567,161	573,764	1"s	0.033	0.111	15	0.46	0.064	1.070	117	8	
Sat. 4	579,676	580,809	5"s	0.033	0.097	15	0.72		1.029	109	8	
Sun. 5	532,134	421,589	0.00	0.033	0.096	34	0.68		1.084	101	8	
6	585,042	642,538	0.00	0.033	0.089	11	0.72	0.047	1.041	94	7	
7	537,614	539,963	0.00	0.033	0.085	11	0.68	0.061	1.063	86	8	
8	544,218	546,378	0.00	0.033	0.083	13	0.87	0.059	1.072	79	7	
9	572,082	605,965	0.00	0.033	0.083	16	0.91	0.054	1.042	71	8	
10	599,427	639,484	0.00	0.033	0.083	23	0.58	0.059	0.994	63	8	
Sat. 11	638,703	628,698	4"s	0.033	0.085	15	0.66		0.972	56	7	
Sun. 12	535,414	381,451	1"s	0.033	0.086	0	0.73		1.220	48	8	0.47
13	437,746	387,227	0.00	0.034	0.086	3	1.14	0.046	1.303	40	8	
14	506,227	591,272	4"s	0.034	0.092	11	0.89	0.054	1.196	33	7	
15	563,167	520,481	9"s	0.033	0.092	12	0.71	0.059	1.127	26	7	
16	564,617	562,378	0.00	0.033	0.088	12	0.85	0.050	1.089	18	8	
17	558,015	533,208	0.00	0.033	0.094	10	0.48	0.061	1.086	11	7	
Sat. 18	507,834	596,471	0.60	0.034	0.324	16	0.77		1.135	3	8	
Sun. 19	537,880	389,544	0.00	0.037	0.171	1	0.82		1.112	<3/148	8	
20	427,203	395,917	2"s	0.038	0.127	3	0.95	0.039	1.133	140	8	0.83
21	469,795	560,078	0.00	0.037	0.106	13	0.65	0.052	1.054	133	7	
22	546,302	572,667	0.00	0.037	0.112	15	0.66	0.047	0.914	125	8	
23	563,794	560,910	0.00	0.037	0.146	16	0.62	0.041	0.902	117	8	
24	554,849	555,209	0.30	0.039	0.446	15	0.73	0.064	1.018	107	10	
Sat. 25	561,191	589,761	0.00	0.043	0.183	18	0.60		0.931	99	8	
Sun. 26	507,510	400,077	0.30	0.044	0.146	6	0.55		1.010	90	9	
27	442,590	415,498	0.00	0.042	0.154	8	0.88	0.039	1.129	81	9	0.76
28	487,254	587,794	0.30	0.042	0.139	18	0.61	0.061	1.021	71	10	
29	559,207	578,633	0.00	0.042	0.143	21	0.80	0.042	1.064	61	10	
30	583,910	603,383	0.10	0.043	0.158	25	0.71	0.041	0.998	51	10	
31	583,296	556,032	0.00	0.043	0.121	20	0.66	0.058	1.112	41	10	
Total	16,514,232	16,579,921	1.60	1.124	3.996	418	22.890	1.211	33.266	2,329	252	2.06
Average	532,717	534,836	28.5"s	0.036	0.129	13	0.74	0.053	1.073	78	8.1	0.69