

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for April 18th, 2022

Water Plant

- 1) Spring filter cleaning will begin next week as weather permits.
 - 2) DOH completed semi-annual inspection, waiting for report.
 - 3) 1st quarter PFOAs and Haloacetic acids (Haa5) and Trihalomethanes (THMs) samples were collected 2/9/2022. Results PFOAs no detection, Haa5 24.2 ug/l average is 49.53 (limit 60) THMs 33 ug/l average is 57.85 (limit is 80)
 - 4) Changes were signed to the Lead & Copper rule, service line inventory needs to be completed by October of 2024. Working with Amy to begin inventory and other plans.
 - 5) Leak detection survey is scheduled for this spring.
 - 6) Working with Chet to plan reservoir wall repairs.
 - 7) 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)
Apr-22												
1	616,711	582,428	0.50	0.056	0.355	12	0.51	0.068	0.994	148	10	
Sat. 2	541,231	431,709	0.10	0.062	0.175	9	0.79		1.007	137	11	
Sun. 3	475,358	429,840	0.00	0.063	0.133	0	0.82		0.983	129	8	
4	525,803	586,139	0.20	0.061	0.129	4	0.84	0.046	1.012	120	9	0.64
5	588,504	589,221	0.00	0.060	0.116	9	0.61	0.051	0.956	111	9	
6	628,324	663,795	0.00	0.059	0.117	11	0.51	0.077	1.008	101	10	
7	683,366	690,707	0.50	0.059	0.169	16	0.71	0.061	0.979	91	10	
8	663,962	643,612	2.70	0.071	1.468	20	0.87	0.074	1.204	77	14	
Sat. 9	579,812	465,115	0.01	0.096	0.325	16	0.78		1.128	63	14	
Sun. 10	506,760	452,787	0.10	0.086	0.194	7	0.67		1.224	47	16	
11	545,374	660,446	0.00	0.075	0.148	4	0.84	0.061	1.119	36	11	0.39
12	653,336	659,605	0.40	0.068	0.158	16	0.47	0.052	0.868	25	11	
13	661,078	636,965	0.00	0.068	0.162	16	0.44	0.068	0.876	15	10	
14	632,241	533,703	0.00	0.066	0.141	14	0.70	0.069	1.007	3	12	
15	522,348	420,347	0.25	0.065	0.156	3	0.63	0.081	1.066	<1/143	11	
Sat. 16	495,779	423,372	0.01	0.064	0.140	1	0.71		1.101	133	10	
Sun. 17	492,071	421,691	0.00	0.063	0.149	0	0.69		1.169	123	10	
18	559,944	591,520	0.10	0.062	0.129	5	1.12	0.052	1.286	114	9	0.38
19	502,213	361,525	5"s	0.060	0.151	1	0.71	0.062	1.204	105	9	
20	475,805	408,817	2"s	0.059	0.191	0	0.49	0.068	1.226	96	9	
21	567,513	681,894	0.00	0.061	0.189	4	0.75	0.067	1.081	89	7	
22	662,873	666,839	0.03	0.064	0.236	17	0.47	0.074	0.812	81	8	
Sat. 23	575,773	421,307	0.00	0.043	0.326	15	0.46		0.667	75	6	
Sun. 24	474,519	429,792	0.00	0.046	0.201	0	0.46		1.034	61	14	
25	547,812	634,814	0.00	0.046	0.196	3	0.79	0.052	1.052	51	10	0.69
26	656,413	663,138	0.00	0.044	0.186	11	0.58	0.061	0.951	40	11	
27	661,967	650,892	0.20	0.042	0.177	14	0.35	0.071	0.961	30	10	
28	684,886	728,056	0.00	0.040	0.165	14	0.77	0.058	1.042	18	12	
29	718,196	704,687	0.00	0.039	0.160	20	0.55	0.063	1.062	12/144	12	
Sat. 30	639,077	468,519	0.00	0.038	0.146	16	0.60		1.086	132	12	
Total	17,539,049	16,703,282		1.786	6.688	278	19.690	1.336	31.165	2,251	315	2.10
Average	584,635	556,776		0.060	0.223	9	0.66	0.064	1.039	80	10.5	0.53