

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for June 21, 2021

Water Plant

- 1) Cleaning filters as needed.
- 2) Second quarter Haloacetic acid (Haa5) and Trihalomethanes (THMs) samples were collected on May 12th, Lab results Haa5s 75.2 / 4 Quarter avg. 47. THMs 65.3 / 4 quarter Avg. 54.8. Second quarter PFOAs Non detected.
- 3) Dealing with an algae issue along with the THMs and Haa5s.
- 4) Leak survey was completed, 6 leaks were found of which 4 have been repaired. The remainder ones need further investigation.
- 5) Camp bid working on photos to put out to bid again.
- 6) Working on plans for Reservoir cleaning the week of July 5th thru 9th.
- 7) At this time the siding purchase is not achievable, looking for other options.
- 8) Set preliminary rate for the mill.
- 9) Annual Water Quality Report is completed.
- 10) Any questions or concerns feel free to call, text or Email.

Attachments

- 1) May, water plant flow report.

Respectfully, Neal A. Winkler, Water Plant Operator.

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6/21/21

	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)
May-21												
Sat. 1	544,503	392,954	0.25	0.047	0.279	18	0.84		0.911	26	11	
Sun. 25	466,399	403,331	0.00	0.046	0.198	5	0.79		1.047	16	10	
3	484,593	550,883	0.50	0.044	0.208	2	0.75	0.066	1.152	6	10	0.44
4	555,668	642,655	0.25	0.045	0.196	12	0.31	0.077	0.921	2/145	9	
5	615,706	596,446	0.75	0.044	0.396	25	0.63	0.081	0.857	134	11	
6	604,939	557,062	0.30	0.051	0.263	25	0.58	0.071	0.977	119	15	
7	574,905	530,120	0.00	0.052	0.198	19	0.48	0.091	0.934	105	14	
Sat. 8	523,442	391,915	0.05	0.047	0.169	14	0.70		1.131	91	14	
Sun. 9	460,735	407,636	0.40	0.044	0.177	4	0.67		1.121	80	11	
10	489,114	596,905	0.40	0.043	0.165	2	0.81	0.080	1.118	70	10	0.37
11	580,281	654,892	0.00	0.043	0.157	18	0.70	0.063	0.901	60	10	
12	617,996	580,793	0.00	0.041	0.148	27	0.35	0.098	0.987	47	13	
13	610,558	582,007	0.00	0.039	0.138	25	0.79	0.068	1.034	35	12	
14	608,717	576,030	0.00	0.039	0.135	26	0.61	0.102	0.987	24	11	
Sat. 15	561,620	431,532	0.00	0.038	0.134	20	1.01		0.946	14	10	
Sun. 16	504,416	449,633	0.00	0.038	0.132	7	1.03		1.014	7	8	
17	551,490	695,216	0.00	0.038	0.133	7	0.95	0.082	1.068	0/146	11	0.67
18	627,387	644,448	0.00	0.037	0.137	23	0.69	0.102	0.928	135	11	
19	640,254	652,650	0.00	0.037	0.138	28	0.96	0.076	1.021	123	12	
20	646,998	666,136	0.00	0.036	0.141	35	0.82	0.070	1.094	111	12	
21	673,983	633,853	0.00	0.037	0.141	42	0.71	0.083	1.103	110	11	
Sat. 22	653,957	450,203	0.00	0.037	0.148	35	1.02		1.060	90	10	
Sun. 23	569,515	435,798	0.00	0.036	0.140	12	0.96		1.107	79	11	
24	567,911	648,371	0.01	0.037	0.141	2	1.05	0.086	1.171	68	11	0.69
25	640,364	656,721	0.00	0.035	0.133	13	0.89	0.111	1.165	58	10	
26	653,458	612,023	0.00	0.035	0.135	20	0.71	0.081	1.092	48	10	
27	634,643	594,453	0.30	0.360	0.185	15	0.81	0.068	1.044	38	10	
28	612,326	509,986	0.00	0.036	0.145	13	0.67	0.088	1.059	29	9	
Sat. 29	521,222	369,897	0.40	0.035	0.177	1	0.74		1.153	20	9	
Sun. 30	499,285	371,581	0.00	0.036	0.158	0	0.71		1.167	11	9	
31	501,243	399,377	0.40	0.036	0.146	0	0.68		1.141	2	9	
Total	17,797,628	16,685,507	4.01	1.569	5.291	495	23.420	1.644	32.411	1,756	334	2.17
Average	574,117	538,242		0.051	0.171	16	0.76	0.082	1.046	61	10.8	0.54