

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

*Submitted for January 18<sup>th</sup> 2021*

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**Water Plant**

- 1) Cleaning filters as needed.
- 2) Snow removal as needed.
- 3) First quarter sample for PFOA, PFOS and 1,4-Dioxane was taken Jan. 6<sup>th</sup>, waiting lab results.
- 4) Working on year end reports for DEC and DOH.
- 5) Water turn on's and off's 32 Lamberson and 3 Howard.
- 6) Working with Amy to get her acquainted with the operations of the water plant incase it's needed.
- 7) Any questions or concerns feel free to call or text.

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**Attachments**

- 1) December, 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 Residual mg/l	Village Turbidity NTU	Entry Point CL2 Residual mg/l	CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
Dec. 2020												
1	539,064	537,013	0.00	0.037	0.128	7	0.43	0.066	1.012	138	8	
2	576,925	561,775	0.10	0.038	0.119	13	0.73	0.063	0.921	127	11	
3	588,538	570,806	1" <sup>s</sup>	0.038	0.103	16	0.68	0.066	0.961	117	10	
4	618,790	555,068	0.00	0.037	0.095	21	0.58	0.074	1.026	106	11	
Sat. 5	542,129	366,350	0.10	0.037	0.099	9	0.70		0.942	97	9	
Sun. 6	471,688	367,344	0.00	0.037	0.101	0	0.70		1.043	87	10	
7	493,545	533,840	0.00	0.038	0.091	2	0.93	0.061	1.081	78	9	0.53
8	553,531	583,247	0.00	0.038	0.085	12	0.57	0.074	1.038	70	8	
9	553,320	482,855	0.00	0.037	0.081	17	0.79	0.063	0.969	62	8	
10	536,519	507,193	2" <sup>s</sup>	0.037	0.084	14	0.71	0.099	0.986	53	9	
11	539,467	465,797	0.00	0.038	0.083	13	0.69	0.081	1.007	44	9	
Sat. 12	485,598	373,341	0.00	0.038	0.081	7	0.79		1.098	36	8	
Sun. 13	442,834	376,578	0.00	0.038	0.103	0	0.82		1.196	28	8	
14	490,486	579,729	0.00	0.038	0.107	3	1.14	0.071	1.221	21	7	0.48
15	598,153	598,740	0.00	0.040	0.098	17	0.77	0.095	1.115	13	8	
16	612,258	539,099	0.00	0.039	0.081	18	0.75	0.081	0.939	5	8	
17	581,701	520,452	14" <sup>s</sup>	0.039	0.103	13	0.70	0.077	0.942	<3	8	
18	535,719	481,158	2" <sup>s</sup>	0.039	0.092	9	0.61	0.078	0.971	<9	6	
Sat. 19	494,785	370,666	0.00	0.039	0.078	5	0.83		1.004	146	7	
Sun. 20	456,042	363,334	0.00	0.039	0.076	0	0.81		1.125	139	7	
21	476,529	446,790	1" <sup>s</sup>	0.039	0.075	1	1.00	0.059	1.121	133	6	0.36
22	476,957	416,276	0.00	0.040	0.078	0	0.81	0.086	1.086	127	6	
23	469,557	401,635	0.00	0.040	0.076	2	0.76	0.094	1.091	121	6	
24	465,448	376,108	0.00	0.040	0.075	0	0.74	0.071	1.103	115	6	
25	457,790	354,387	1.40	0.040	2.861	0	0.80		1.107	109	6	
Sat. 26	433,653	359,533	1" <sup>s</sup>	0.049	0.734	0	0.83		1.454	100	9	
Sun. 27	422,245	366,317	0.5" <sup>s</sup>	0.060	0.253	0	0.80		1.334	92	8	
28	421,208	365,526	0.00	0.056	0.154	0	0.96	0.066	1.181	85	7	0.59
29	423,502	363,481	.05" <sup>s</sup>	0.050	0.121	0	0.81	0.086	1.021	79	6	
30	430,014	375,941	0.00	0.047	0.099	1	0.76	0.074	0.959	73	6	
31	425,625	360,644	0.70	0.046	0.094	0	0.66	0.072	0.967	67	6	
Total	15,613,620	13,921,023	2.30	1.268	6.508	200	23.660	1.657	33.021	2,468	241	1.96
Average	503,665	449,065		0.041	0.210	6	0.76	0.075	1.065	85	7.8	0.49