

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

*Submitted for February 15<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>, there was **NO** detection.
  - 4) First quarter Haloacid acid samples were collected on February 10<sup>th</sup>, waiting lab results.
  - 5) AWQR was submitted to DOH for approval, waiting a response.
  - 6) Water leak on Helmer Ave. Gas Company accidentally pulled house service out of the water main. Boil water order had to be put in place per DOH, 2 day Bacterial samples were collected, submitted to lab and all were good.
  - 7) On February 9<sup>th</sup> power went out at the water plant about 1:30 am till 10 am generator worked as it should. When power went out there may have been a power surge or something that caused the loss of all 6 filter bed meters. Working on repair costs or replacements.
  - 8) Working with Amy to get her acquainted with the operations of the water plant incase it's needed.
  - 9) Any questions or concerns feel free to call or text.
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**Attachments**

- 1) January, 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		Clearwell (in. below full)	Village		Village Turbidity NTU	Entry Point CL2 Residual mg/l	CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
					Turbidity NTU	Turbidity NTU		Residual mg/l	Residual mg/l					
Jan. 2021														
1	428,063	363,534	0.00	0.045	0.089	0	0.63		1.006	62	5			
Sat. 2	430,383	372,138	3"s	0.044	0.089	0	0.71		1.027	56	6			
Su. 3	426,018	370,489	0.00	0.044	0.140	0	0.73		1.054	49	7			
4	497,044	611,111	1"s	0.046	0.101	5	0.87	0.068	1.027	43	6		0.59	
5	593,733	601,373	0.00	0.046	0.089	18	0.60	0.074	0.878	37	6			
6	600,716	567,021	0.00	0.046	0.086	20	0.67	0.083	0.919	29	8			
7	597,019	561,756	0.00	0.068	0.099	20	0.50	0.083	0.948	20	9			
8	591,991	555,866	0.00	0.068	0.093	19	0.67	0.082	0.952	12	8			
Sat. 9	535,722	360,563	0.00	0.037	0.088	15	0.69		0.963	9/145	8			
Sun. 10	445,323	369,545	0.00	0.036	0.088	0	0.73		1.099	138	7			
11	486,369	596,231	0.00	0.036	0.095	3	1.05	0.055	1.129	132	6		0.97	
12	569,925	555,925	0.00	0.035	0.091	16	0.78	0.081	1.098	124	8			
13	573,821	548,890	0.00	0.036	0.091	15	0.86	0.067	1.054	117	7			
14	581,271	545,321	0.00	0.036	0.088	16	0.75	0.077	1.026	110	7			
15	607,012	540,227	0.00	0.036	0.098	22	0.87	0.107	1.009	103	7			
Sat. 16	513,980	365,547	3"s	0.036	0.098	9	0.77		1.011	96	7			
Sun. 17	448,701	367,518	3"s	0.036	0.111	0	0.79		1.120	90	6			
18	499,092	527,920	1"s	0.036	0.101	2	1.02	0.074	1.206	83	7		0.95	
19	562,197	576,041	1"s	0.036	0.093	10	0.88	0.073	1.096	77	6			
20	562,960	514,380	1"s	0.036	0.091	11	0.84	0.082	1.032	70	7			
21	557,445	524,874	1"s	0.035	0.088	9	0.87	0.075	1.014	63	7			
22	553,161	480,361	1"s	0.036	0.089	8	0.61	0.093	1.006	56	7			
Sat. 23	502,306	371,463	3"s	0.036	0.090	0	0.74		1.003	50	6			
Sun. 24	489,673	372,125	0.00	0.035	0.089	0	0.80		1.074	43	7			
25	522,398	529,487	0.00	0.035	0.086	2	1.02	0.064	1.109	36	7		0.69	
26	542,202	513,435	0.00	0.034	0.084	6	0.85	0.081	1.081	30	6			
27	536,380	507,520	6"s	0.034	0.087	5	0.89	0.084	1.041	24	6			
28	533,768	514,211	0.00	0.034	0.087	3	0.85	0.071	1.034	17	7			
29	536,631	508,456	0.00	0.034	0.091	3	0.60	0.091	0.988	11	6			
Sat. 30	500,075	380,363	0.00	0.034	0.087	1	0.83		0.985	5	6			
Sun. 31	484,229	395,815	0.00	0.034	0.089	0	0.89		1.025	5/143	7			
Total	16,309,608	14,969,506	0.00	1.220	2.886	238	24.360	1.565	32.014	1,783	210		3.20	
Average	526,116	482,887	24"s	0.039	0.093	8	0.79	0.078	1.033	61	6.8		0.80	