

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for 16th, 2021

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**Water Plant**

- 1) Cleaning filters as needed.
  - 2) Third quarter Haloacetic acid (Haa5) and Trihalomethanes (THMs) samples were collected on August 11th, waiting on Lab results.
  - 3) Third quarter PFOA, PFOS, 1,4 Dioxane samples were collected August 11<sup>th</sup> as well and awaiting lab results.
  - 4) Camp bid, no calls however I have been experiencing phone issues at the plant.
  - 5) Working on clean up at the reservoir and making some improvements for next year.
  - 6) Siding is on order, not expected to arrive till October.
  - 7) The water is turned on at the Mill.
  - 8) Any questions or concerns feel free to call, text or Email.
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**Attachments**

- 1) July, water plant flow report.

Respectfully, Neal A. Winkler, Water Plant Operator.

	Filter Flow (gpd)	Effluent Flow (gpd)	Precip. (in.)	Filter Bed		Raw		Clearwell		Village		Entry		CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
				Turbidity NTU	Turbidity NTU	Turbidity NTU	Water Turbidity NTU	(in. below full)	Residual mg/l	Turbidity NTU	Point CL2 Residual mg/l	Residual mg/l				
Jul-21																
1	527,716	405,737	0.60	0.043	0.162	0	0.79	0.097	1.047	18	9					
2	527,716	405,737	0.80	0.043	0.309	0	0.68	0.081	1.135	9	9					
Sat. 3	526,167	384,439	1.20	0.046	0.542	0	0.82		1.056	0/150	9					
Sun. 4	542,523	487,067	0.40	0.052	0.281	0	0.87		0.782	142	8					
5	531,814	410,561	0.00	0.054	0.202	0	0.81		0.705	130	12					
6	524,572	406,539	0.80	0.052	0.189	0	0.45	0.102	0.976	117	13					
7	370,997	390,490	0.00	0.052	1.381	2	0.33	0.089	1.019	100	17					
8	334,153	409,790	0.25	0.053	0.122	18	0.71	0.091	1.292	85	15					
9	390,533	390,787	1.30	0.052	2.904	33	0.73	0.096	1.493	74	11					
Sat. 10	410,362	402,350	0.01	0.061	0.464	37	0.96		1.101	64	10					
Sun. 11	523,321	398,431	0.00	0.065	0.241	42	0.91		0.848	52	12					
12	576,353	644,138	1.50	0.060	2.463	27	0.53	0.108	0.854	35	17					0.74
13	624,681	640,274	0.10	0.082	0.359	43	0.25	0.123	0.738	18	17					
14	673,867	604,436	0.50	0.080	0.320	49	0.31	0.137	1.019	<4/149	23					
15	672,901	669,052	0.01	0.073	0.211	54	0.71	0.122	1.032	125	24					
16	671,212	604,160	0.00	0.066	0.167	49	0.51	0.109	1.119	103	22					
Sat. 17	663,597	401,081	0.15	0.061	0.146	50	0.68		1.238	84	19					
Sun. 18	559,499	399,477	1.30	0.058	0.351	14	0.94		1.231	66	18					
19	548,990	621,705	0.70	0.065	0.317	6	1.02	0.112	1.166	50	16					0.35
20	596,374	517,158	0.00	0.075	0.204	18	0.26	0.126	0.998	32	18					
21	608,474	653,127	0.50	0.069	0.492	17	0.31	0.128	0.998	12	20					
22	636,284	594,182	0.01	0.074	0.223	27	0.60	0.118	1.053	0/141	21					
23	636,768	596,404	0.00	0.046	0.164	29	0.56	0.136	1.211	118	23					
Sat. 24	595,627	407,900	0.01	0.040	0.138	25	0.98		1.171	98	20					
Sun. 25	518,628	422,453	0.50	0.037	0.171	9	0.10		1.179	81	17					
26	546,425	630,163	0.00	0.036	0.163	7	1.09	0.127	1.164	67	14					0.95
27	624,644	625,734	0.00	0.036	0.137	23	0.31	0.138	1.007	53	14					
28	649,753	654,052	0.20	0.035	0.123	29	0.54	0.116	0.976	40	13					
29	659,149	626,936	0.00	0.033	0.111	33	0.61	0.123	0.926	27	13					
30	654,493	566,682	1.60	0.033	1.426	35	0.54	0.111	1.137	13	14					
Sat. 31	594,893	400,262	0.01	0.067	0.315	26	0.88		0.899	<4/150	17					
Total	17,522,486	15,771,304	12.45	1.699	14,798	702	19.793	2.390	32.570	1,813	485					2.04
Average	565,241	508,752		0.055	0.477	23	0.64	0.114	1.051	67	15.6					0.68