

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for July 17th, 2023

---

**Water Plant**

- 1) Filter cleaning as needed.
  - 2) Reservoir cleaning July 6<sup>th</sup>, went very well.
  - 3) Working on a list of commercial customers that require backflow prevention as requested by DOH.
  - 4) 2<sup>st</sup> Quarter Haloacetic acids 45ug/l bringing our 4quarter avg to 34.15 limit of 60, and Trihalomethanes 60ug/l bringing our 4 quarter avg to 37.75 limit of 80.
  - 5) Working with Chet to plan reservoir wall repairs. Going to about \$4500 for piping, \$2800 for filter bags, and about \$2700 per week for pump rentals (2 to 4 weeks).
  - 6) Scott Hongo has been brought on board to begin service line inventory.
  - 7) Any questions or concerns feel free to call, text or Email.
- 

**Attachments**

- 1) June, water plant flow report.

Respectfully, Neal A. Winkler, Water Plant Operator.

7/17/23

	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)
Jun-23												
1	716,665	680,399	0.00	0.031	0.096	12	0.80	0.044	0.994	13	10	
2	406,788	620,593	0.00	0.030	0.098	7	0.61	0.083	1.108	3/150	10	
Sat. 3	420,120	441,804	0.50	0.031	2.000	0	0.73		1.920	<1/145	9	
Sun. 4	556,530	473,607	0.00	0.031	0.127	0	0.76		1.218	135	10	
5	613,492	615,402	0.00	0.031	0.103	2	0.98	0.039	1.131	127	8	0.58
6	453,971	595,777	0.00	0.031	0.098	1	0.71	0.066	1.142	118	9	
7	604,008	586,812	0.00	0.030	0.097	1	0.79	0.044	1.167	108	10	
8	527,821	628,055	0.05	0.030	0.092	2	0.95	0.096	1.219	99	9	
9	612,537	589,767	0.25	0.030	0.094	2	0.69	0.079	1.123	91	8	
Sat. 10	572,068	429,854	0.00	0.031	0.090	0	0.78		1.107	83	9	
Sun. 11	573,117	445,312	0.00	0.031	0.089	0	0.72		1.132	75	8	
12	461,644	556,299	0.00	0.031	0.091	0	0.95	0.037	1.111	67	8	0.46
13	408,544	575,540	1.50	0.030	0.556	1	0.75	0.048	1.152	57	10	
14	624,801	628,988	0.00	0.035	0.218	1	0.47	0.056	1.119	47	10	
15	625,137	634,542	0.80	0.034	0.177	0	0.62	0.044	0.912	38	9	
16	607,714	551,115	0.00	0.036	0.138	1	0.37	0.060	0.828	28	10	
Sun. 17	566,396	392,073	0.10	0.034	0.121	0	0.50		1.024	16	12	
Sun. 18	566,782	407,950	0.15	0.033	0.119	0	0.78		1.427	3/150	13	
19	570,156	426,506	0.00	0.033	0.107	0	0.78		1.188	<2/148	7	
20	589,340	530,711	0.00	0.033	0.103	0	0.78	0.041	1.111	139	9	0.74
21	626,474	646,270	0.00	0.032	0.099	1	0.70	0.043	1.052	130	9	
22	621,506	595,475	0.00	0.032	0.101	2	0.80	0.043	1.088	120	10	
23	620,412	592,371	0.00	0.032	0.101	1	0.43	0.069	1.134	110	10	
Sat. 24	597,400	502,177	1.00	0.032	0.157	1	0.71		1.115	101	9	
Sun. 25	577,766	421,852	1.03	0.036	0.551	0	0.74		1.099	93	8	
26	484,477	594,425	0.30	0.046	0.256	0	0.61	0.034	0.801	84	9	0.56
27	186,616	627,813	0.70	0.044	0.203	1	0.22	0.059	0.868	66	18	
28	451,353	592,331	0.30	0.042	0.150	2	0.63	0.070	1.131	50	16	
29	564,860	471,322	0.15	0.040	0.147	0	0.49	0.042	1.268	36	14	
30	461,978	408,011	0.00	0.039	0.134	0	0.47	0.067	1.112	26	10	
Total	16,270,473	16,263,153	6.83	1.011	6.513	38	20.320	1.164	33.801	2,057	301	2.34
Average	542,349	542,105		0.034	0.217	1	0.68	0.055	1.127	79	10.0	0.59