

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for December 19th, 2022

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**Water Plant**

- 1) Filter cleaning as needed, cleaned 2 filters this month.
  - 2) DOH completed semi-annual inspection, still waiting for report.
  - 3) 4<sup>th</sup> Quarter Haloacetic acids 24.5 bring our average down again to 33.4.
  - 4) Data collection system is working well, had small issue with a power outage Monday evening.
  - 5) Working with Chet to plan reservoir wall repairs, waiting on permits.
  - 6) Any questions or concerns feel free to call, text or Email.
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Attachments

- 1) November, water plant flow report.
- 2) Disinfection by Products spread sheet.

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 CL2 Residual mg/l	Village Turbidity NTU	Entry Point CL2 Residual mg/l	CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
Nov-22												
1	574,116	612,013	0.15	0.032	0.141	8	0.60	0.064	1.172	59	9	
2	613,195	620,872	0.00	0.032	0.135	9	0.63	0.098	1.106	49	10	
3	595,838	568,096	0.00	0.032	0.145	13	0.78	0.056	1.114	40	9	
4	674,586	719,819	0.00	0.033	0.139	11	0.41	0.089	1.002	30	10	
Sat. 5	604,170	577,187	0.00	0.033	0.136	4	0.87		1.017	22	8	
Sun. 6	539,898	428,937	0.00	0.033	0.138	0	0.89		1.063	13	9	
7	531,015	417,031	0.50	0.033	0.297	1	0.95	0.038	1.131	6/148	9	0.81
8	564,239	550,242	0.00	0.036	0.234	1	0.78	0.072	1.106	138	10	
9	587,383	625,258	0.00	0.036	0.183	8	0.86	0.044	1.009	128	10	
10	611,440	622,014	0.00	0.035	0.153	11	0.70	0.040	0.954	118	10	
11	616,982	632,941	0.00	0.035	0.141	9	0.49	0.068	0.921	109	9	
Sat. 12	572,231	536,854	1.30	0.036	0.611	1	0.85		0.946	101	8	
Sat. 13	488,003	366,581	0.00	0.042	0.421	0	0.83		0.976	91	10	0.87
14	446,520	388,241	0.10	0.047	0.284	2	0.76	0.043	0.851	82	9	
15	540,126	600,888	2"s	0.044	0.207	12	0.41	0.045	0.801	72	10	
16	574,450	599,715	0.40	0.041	0.182	16	0.38	0.044	0.902	60	12	
17	570,746	560,917	2"s	0.040	0.192	16	0.68	0.048	1.008	48	12	
18	565,744	629,128	2"s	0.041	0.181	21	0.38	0.069	1.004	36	12	
Sat. 19	580,425	567,920	0.00	0.041	0.169	16	0.82		0.952	25	11	
Sun. 20	471,102	378,898	2"s	0.041	0.155	2	0.82		1.100	15	10	
21	422,258	380,850	3"s	0.040	0.148	3	0.97	0.039	1.191	6	9	0.54
22	495,255	564,239	0.00	0.040	0.152	14	0.72	0.069	1.087	2/145	9	
23	504,474	487,709	0.00	0.040	0.143	9	0.36	0.089	1.052	136	9	
24	470,306	427,627	0.00	0.040	0.141	2	0.91		1.156	127	9	
25	403,169	377,815	0.10	0.040	0.138	0	0.41	0.083	1.194	118	9	
Sat. 26	416,515	368,038	0.20	0.041	0.256	0	0.93		1.216	110	8	
Sun. 27	416,516	374,237	0.00	0.043	0.206	0	0.99		1.252	102	8	
28	407,985	375,726	1.50	0.044	1.885	5	0.89	0.048	1.208	94	8	0.45
29	476,575	591,853	0.10	0.057	0.465	20	0.67	0.061	1.082	85	9	
30	544,740	556,205	0.00	0.059	0.266	26	0.47	0.058	0.097	72	13	
Total	15,880,002	15,507,851	4.35	1.187	8.044	240	21.205	1.265	30.670	2,086	288	2.67
Average	529,333	516,928	11" snow	0.040	0.268	8	0.71	0.060	1.022	75	9.6	0.67

Dolgeville Disinfection by products quarterly results

7-5-1  
12/19/22

		THMs		4 qu. Avg.		Haa5		4 qu. Avg.	
2006	3rd quarter	33.70	ug/l	46.90		47.00	ug/l	54.25	
2006	4th quarter	79.65	ug/l	51.54		92.00	ug/l	61.00	Violation
2007	1st quarter	15.69	ug/l	49.09		20.00	ug/l	57.50	
Started C.C. with Phosphoric acid 3/13/2007									
2007	2nd quarter	40.01	ug/l	33.81		48.00	ug/l	51.75	
<b>Aug.</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 1</b>					
2007	3rd quarter	39.74	ug/l	35.02		51.00	ug/l	52.75	
<b>Oct.</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 4</b>					
2007	4th quarter	55.94	ug/l	30.28		115.00	ug/l	58.50	
2008	1st quarter	37.59	ug/l	43.32		51.00	ug/l	66.25	Violation
2008	2nd quarter	43.00	ug/l	44.07		48.00	ug/l	66.25	Violation
<b>June</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 3</b>					
2008	3rd quarter	54.00	ug/l	47.63		44.00	ug/l	64.50	Violation
<b>Sept.</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 5</b>					
2008	4th quarter	38.00	ug/l	43.15		50.00	ug/l	48.25	
2009	1st quarter	13.00	ug/l	37.00		22.00	ug/l	41.00	
2009	2nd quarter	63.00	ug/l	42.00		70.00	ug/l	46.50	
<b>June</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 2</b>					
<b>July</b>	<b>cleaned</b>	<b>and</b>	<b>resanded</b>	<b># 6</b>					
2009	3rd quarter	69.00	ug/l	45.75		106.00	ug/l	62.00	Violation
2009	4th quarter	77.86	ug/l	55.72		70.50	ug/l	67.13	Violation
2010	1st quarter	23.86	ug/l	58.43		22.10	ug/l	67.15	Violation
2010	2nd quarter	76.00	ug/l	61.68		73.50	ug/l	68.03	Violation
2010	3rd quarter	72.89	ug/l	62.65		46.00	ug/l	53.03	
2010	4th quarter	53.19	ug/l	56.49		62.11	ug/l	50.93	
2011	1st quarter	16.19	ug/l	54.57		15.70	ug/l	49.33	