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Quality on Tap 9/16/24  
Dolgeville Water Works

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for September 16th, 2024

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**Water Plant**

- 1) Third Quarter DBPs sample were collected on 8/21/24, results for Haloacetic acids were 79.1 ug/l over the limits of 60 ug/l. But our 4-quarter average drop to 56.38 ug/l. Our next sample in November will need to be below 64.5 ug/l to keep us in compliance, Next sampling November.
- 2) Working with Scot, Dave, Amy on Lead Service Line Inventory to submit to October 16<sup>th</sup>. After submittal will be working on the notification needed in 30 days.
- 3) Semi annual DOH inspection is scheduled for Wednesday the 18<sup>th</sup>.
- 4) Water Meters, all the pieces are in, working with DPW crew as time permits to install as of this report, we have 11 installed. We had training on the reading program, set Tammy, Amy and myself up to collect and read data. More training in a week or so.
- 5) Caulfield Development cost recovery? DOH plan review done and comments made to B&L.
- 6) DEC and logging (August 26<sup>th</sup> was 1 year), continue to have elevated raw water turbidities during heavy rain events, as reflected in the number of filter cleanings. (no change)
- 7) Attended regular meeting for Source Water Protection Program, next meeting is 9/23/24 at 4pm looking at zoning for Salisbury and possibly permit required logging.
- 8) Request for a meeting to discuss updating my employee agreement and wages for the Water Inspector.
- 9) Any questions or concerns feel free to call, text or Email.

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**Attachments**

- 1) August, water plant flow report.
- 2) Spread sheet for DBPs

Respectfully, Neal A. Winkler, Water Plant Operator.

Aug-24	Filter Flow (gpd)		Effluent Flow (gpd)	Precip. (in.)	Raw			Village		Village Turbidity NTU	Entry Point CL2 Residual mg/l	CL2 Tank Weight (lbs)	# CL2 Used/Day	Phosp. Residual (mg/l)
	Filter Flow (gpd)	Effluent Flow (gpd)			Filter Bed Turbidity NTU	Water Turbidity NTU	Cleanwell (in. below full)	CL2 Residual mg/l						
1	637,930	635,559	0.50	0.044	0.211	25	0.63	0.079	1.041	67	9			
2	642,427	602,820	0.00	0.046	0.141	26	0.41	0.086	0.972	57	10			
Sat. 3	567,655	443,457	0.75	0.044	0.211	18	0.62		0.924	48	9			
Sun. 4	492,706	451,845	0.00	0.045	0.161	4	0.74		1.044	39	9			
5	526,244	614,125	0.00	0.045	0.123	3	1.03	0.059	1.032	31	8	0.59		
6	586,516	618,247	1.00	0.045	0.372	12	0.51	0.073	1.054	22	9			
7	604,162	606,815	0.20	0.046	0.182	16	0.58	0.058	0.974	13	9			
8	598,140	598,704	0.00	0.045	0.129	16	0.51	0.078	1.082	4/148	11			
9	474,381	487,441	1.80	0.043	0.647	15	0.31	0.078	1.153	136	12			
Sat. 10	292,160	450,844	1.50	0.054	1.148	5	0.71		1.253	122	14			
Sun. 11	294,954	460,535	0.00	0.075	0.369	4	0.84		1.278	105	17			
12	514,505	645,037	0.30	0.060	0.587	11	0.62	0.091	0.894	89	16	0.51		
13	575,280	631,474	0.20	0.058	0.277	24	0.15	0.089	1.228	70	19			
14	538,838	587,818	0.00	0.053	0.185	30	0.41	0.079	0.996	55	15			
15	607,579	577,468	0.25	0.049	0.234	32	0.24	0.081	0.837	40	15			
16	610,615	610,665	0.00	0.048	0.170	27	0.36	0.094	0.948	25	15			
Sat. 17	563,446	428,301	0.00	0.047	0.139	25	0.67		1.250	9	16			
Sun. 18	323,549	420,150	0.00	0.046	0.150	9	0.87		1.301	1/143	15			
19	369,834	549,893	0.40	0.044	0.222	5	0.91	0.068	1.136	131	12			
20	531,184	582,153	1.20	0.047	0.413	12	0.24	0.091	1.020	121	10			
21	563,240	617,950	0.01	0.051	0.224	20	0.41	0.078	0.886	108	13			
22	592,428	611,774	0.01	0.048	0.162	30	0.61	0.071	0.973	95	13			
23	596,164	625,314	0.01	0.047	0.137	30	0.28	0.137	0.919	81	14			
Sun. 24	581,305	446,042	0.00	0.046	0.120	33	0.77		1.007	70	11			
Sun. 25	499,400	446,702	0.00	0.046	0.114	15	0.81		1.124	58	12			
26	538,102	638,333	0.00	0.046	0.111	12	1.10	0.074	1.202	47	11	0.28		
27	593,179	594,689	0.40	0.051	0.152	20	0.33	0.098	0.916	38	9			
28	597,937	567,918	0.10	0.046	0.132	21	0.55	0.078	0.953	28	10			
29	584,374	594,098	0.10	0.047	0.125	18	0.58	0.081	0.960	17	11			
30	587,354	540,778	0.00	0.047	0.117	19	0.31	0.089	1.012	6	11			
Sat. 31	517,345	433,107	0.00	0.047	0.117	12	1.00		1.091	<1/146	11			
Total	16,602,933	17,120,056	8.73	1.506	7.582	549	18.110	1.810	32.460	1,728	376	1.38		
Average	535,578	552,260		0.049	0.245	18	0.58	0.082	1.047	62	12.1	0.46		

Dolgeville Disinfection by products quarterly results

		<b>THMs</b>		<b>4 qu. Avg.</b>		<b>Haa5</b>		<b>4 qu. Avg.</b>	
2021	3rd quarter	63.9	ug/l	49.75		49.7	ug/l	47.15	
2021	4th quarter	69.2	ug/l	52.70		49	ug/l	43.75	
2022	1th quarter	33	ug/l	57.85		24.2	ug/l	49.53	
2022	2nd quarter	41.4	ug/l	51.88		35.9	ug/l	39.7	
2022	3rd quarter	27.3	ug/l	42.73		24.5	ug/l	33.40	
2022	4th quarter	24.4	ug/l	31.53		26.8	ug/l	27.85	
2023	1st quarter	39.3	ug/l	33.10		40.3	ug/l	31.88	
2023	2nd quarter	59	ug/l	37.50		43	ug/l	33.65	
2023	3rd quarter	150	ug/l	68.18		123	ug/l	58.28	
10/4/2023	Extra	29.7	ug/l			27	ug/l	Does not	count
2023	4th quarter	41.3	ug/l	72.40		50	ug/l	64.07	violation
2024	1st quarter	31.3	ug/l	70.40		39.5	ug/l	63.88	violation
2024	2nd quarter	48.6	ug/l	67.80		56.9	ug/l	67.35	violation
2024	3rd quarter	71.8	ug/l	48.25		79.1	ug/l	56.38	
MCL		80 ug/l				60 ug/l			
	MCL / Maximum Contamination Limit								
	ug/l = Microgram / Liter or 1 / 1,000,000								