office use only

Office Use only

○ Accepted
○ Rejected
○ Entered

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Water Supply Program • Suite 450
1800 Washington Boulevard, Baltimore Maryland 21230-1708
Telephone (410)537-3706/Fax (410)537-3157

Surface Water / GWUDI Monthly Compliance Determination

PWS ID # 011-0008 Public Water System Name Oakland Water Dept Mo/Yr August/2026
Plant # 1 Plant Name: Broadford
Begin Date: _____ End Date: _____ (enter if plant operated for part of the month)

Filtration type (95% turbidity limit / maximum turbidity limit)
◉ Conventional, Direct, or Alternative (0.3/1 NTU) ○ D.E., cartridge, or slow sand (1/5 NTU) ○ Other: _____

Filtration Treatment Performance

A. Combined Filter Effluent Turbidity Continuous turbidity monitoring? ○ Yes ◉ No one reading every 120 minutes

(1) Number of turbidity readings required this month? 202 Number of turbidity readings taken? 202

Compliance with number of required turbidity readings? ◉ Yes ○ No

(2) Number of readings that exceeded the maximum turbidity limit? 0 (see Filtration type above)

Highest Single Turbidity Reading 0.27 NTU

(3) Number of readings that exceeded 95% turbidity limit 0 (see Filtration type above)

% readings that exceeded 95% turbidity limit 0.0 %

Compliance with Treatment Technique for turbidity limit? ◉ Yes ○ No

NOTE: If turbidity limits are exceeded or required samples are not collected, notify MDE as soon as possible.

Notification date (if applicable): NA

B. Individual Filter Effluent Turbidity Number of filters ○ One ○ Two ◉ Three or more

(1) Was each filter monitored continuously? ◉ Yes ○ No (If "No", answer 2-7 based on combined filter readings.)

(2) Were measurements recorded every 15 minutes or more frequently? ◉ Yes ○ No

(3) Was there a failure of continuously monitoring equipment? ○ Yes ◉ No

(4) Was turbidity greater than 1.0 NTU in any two consecutive readings? ○ Yes ◉ No

(5) Was turbidity greater than 0.5 NTU in two consecutive readings after on-line for more than 4 hours? ○ Yes ◉ No

(6) Was turbidity greater than 1.0 NTU in two consecutive readings in three consecutive months? ○ Yes ◉ No

(7) Was turbidity greater than 2.0 in two consecutive readings in two consecutive months? ○ Yes ◉ No

NOTE: If the answer to question 2 in section B is "No", or the answer to any of questions 3, 4, 5, 6, or 7 in section B is "Yes", notify MDE as soon as possible. Notification date (if applicable): NA

Superintendent's initials DK

SUBMIT THIS REPORT BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

Surface Water / GWUDI Monthly Compliance Determination

Disinfection type(s) ☑ Chlorine ☐ Chloramines ☐ UV ☐ Other:

Minimum required point-of-entry residual ◉ Free Chlorine = 0.2 mg/L ○ Total Chlorine = 0.5 mg/L (Chloramines Only)

Minimum required distribution residual: ◉ Free Chlorine = 0.1 mg/L ○ Total Chlorine = 0.5 mg/L (Chloramines Only)

Disinfection Treatment Performance

C. Entry Point Residual Disinfectant Concentration

Continuous residual disinfectant monitoring? ○ Yes ◉ No one reading every 120 minutes

(1) Number of required residual disinfectant readings? 202 Number of residual disinfectant readings taken ? 202

Compliance with residual disinfectant monitoring frequency requirements? ◉ Yes ○ No

(2) Lowest single residual reading 1.2 mg/L

Number of readings under minimum required residual? 0

Compliance with minimum required residual disinfectant in all samples? ◉ Yes ○ No

NOTE: If residual disinfectant drops below the required level or required samples are not collected, notify MDE as soon as possible.

Notification Date (if applicable) NA

D. Disinfectant CT (mg/L-min)

Required Giardia Lamblia log inactivation? ◉ 0.5 log (conventional, direct, alternative filtration) ○ 1.0 log (D.E., cartridge, slow sand)

Was disinfection CT determined or verified every day during peak hourly flow? ◉ Yes ○ No

Was CT sufficient every day for required Giardia log inactivation? ◉ Yes ○ No If "No", attach memo with explanation.

Compliance with CT evaluation and achievement requirements? ◉ Yes ○ No

E. Distribution System Disinfection Residual

(1) Number of residual disinfectant samples required? 32 Number of residual disinfectant samples taken? 39

Note: There should be one field free chlorine residual sample for each required bacteriological sample.

Compliance with residual disinfectant monitoring requirements? ◉ Yes ○ No

(2) Number of readings with undetectable residual and no HPC or HPC>500/ mL? 0

Percentage of readings with undetectable residual and no HPC or HPC> 500/mL ? 0.00 %

Percentage of readings with undetectable residual and no HPC or HPC>500/mL in previous month? 0.00 %

Percentage of readings with undetectable residual and HPC>500/mL: <5% both this month and last month? ○ Yes ◉ No

Comments:

I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate.

Superintendent's Name DEAN KEEFER Certification # 4596 Expiration Date 9/1/2027

Superintendent's signature: DEAN KEEFER Phone: 3013343836 Date 9/3/2026

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials) DK **Mo/Yr** Aug-26

PWSID #: 011-0008 **Public Water System Name:** Oakland Water Dept **Plant Number and Name:** 1 Broadford

GENERAL			RAW WATER					CHEMICAL ADDITION													
Date	Rain (inches or Y/N)	Hours in Service	pH	Turbidity	Alk	Iron		Coagulant		Polymer		Lime		Fluoride		Other		Pre-Chlorine		Post-Chlorine	
				NTU	mg/L	mg/L		#/d	mg/L	#/d	mg/L	#/d	mg/L	#/d	gal	#/d	mg/L	#/d	mg/L	#/d	mg/L
1	N	10.8	7.5	13.00	30	0.29		118	36.0	6	1.8	17	5.2	8	gal					6	1.9
2	Y	10.5	7.6	14.00	31	0.66		115	36.0	6	1.9	16	5.1	8	gal					6	1.9
3	N	9.8	7.8	13.00	31	0.30		98	36.0	5	1.8	14	5.2	7	gal					7	2.6
4	N	11.0	7.6	10.00	29	0.31		120	35.0	7	2.0	17	5.0	9	gal					6	1.8
5	Y	12.3	7.6	12.00	31	0.32		134	35.0	7	1.8	19	5.0	10	gal					9	2.4
6	N	17.0	7.6	13.00	32	0.29		185	25.0	15	2.1	37	5.1	16	gal					10	1.4
7	Y	17.8	7.6	12.00	26	0.25		193	33.0	12	2.0	30	5.1	15	gal					11	1.9
8	Y	9.0	7.3	13.00	31	0.48		98	39.0	5	2.0	13	5.2	7	gal					6	2.4
9	N	9.8	7.4	12.00	29	0.45		106	37.0	5	1.7	15	5.2	7	gal					6	2.1
10	Y	9.3	7.7	15.00	30	0.36		101	37.0	5	1.8	14	5.1	8	gal					5	1.8
11	Y	9.0	7.5	13.00	32	0.23		98	35.0	5	1.8	14	5.0	6	gal					5	1.8
12	N	9.5	7.8	12.00	32	0.29		104	37.0	5	1.8	14	5.0	6	gal					6	2.1
13	N	9.3	7.8	13.00	32	0.31		101	35.0	5	1.7	15	5.2	7	gal					6	2.1
14	Y	9.0	7.6	13.00	32	0.38		98	37.0	5	1.9	14	5.3	6	gal					5	1.9
15	N	10.3	7.8	12.00	31	0.38		112	41.0	5	1.7	15	5.4	7	gal					10	3.6
16	Y	9.8	7.7	13.00	29	0.31		106	40.0	5	1.8	14	5.2	8	gal					5	1.8
17	Y	10.0	7.5	14.00	32	0.42		109	40.0	5	1.8	14	5.1	7	gal					5	1.8
18	Y	9.5	7.6	11.00	30	0.33		104	37.0	5	1.8	15	5.3	7	gal					6	2.1
19	N	9.5	7.6	14.00	32	0.31		104	38.0	5	1.8	14	5.1	7	gal					6	2.2
20	Y	8.8	7.3	12.00	29	0.38		95	35.0	5	1.9	14	5.2	7	gal					7	2.6
21	N	9.5	7.6	14.00	28	0.30		104	38.0	5	1.8	14	5.2	7	gal					6	2.2
22	N	10.5	7.3	13.00	30	0.40		114	39.0	5	1.7	15	5.2	6	gal					5	1.7
23	N	10.0	7.3	13.00	30	0.53		109	36.0	6	2.0	16	5.3	8	gal					7	2.3
24	N	9.8	7.7	14.00	24	0.39		107	39.0	5	1.8	14	5.1	7	gal					6	2.2
25	N	10.5	7.7	15.00	28	0.31		114	35.0	6	1.8	17	5.2	8	gal					7	2.2
26	N	9.5	7.7	11.00	29	0.30		104	40.0	5	1.9	14	5.3	7	gal					6	2.3
27	N	9.8	7.8	13.00	31	0.32		106	35.0	6	2.0	16	5.3	7	gal					5	1.7
28	N	11.0	7.8	9.00	30	0.31		120	40.0	6	2.0	16	5.3	7	gal					6	2.0
29	N	10.0	7.6	8.00	31	0.36		109	36.0	6	2.0	15	5.0	9	gal					6	2.0
30	N	9.8	7.7	9.00	29	0.44		107	32.0	7	2.0	17	5.0	8	gal					6	1.8
31	Y	10.0	7.4	12.00	31	0.35		109	38.0	5	1.7	15	5.3	7	gal					6	2.1
TOTAL	0.0	321.8					0.0	3502		185		504		244		0		0		199	
MIN	0.0	8.8	7.3	8.0	24	0.23	0.0	95	25.0	5	1.7	13	5.0	6	0.0	0	0.0	0	0.0	5	1.4
MAX	0.0	17.8	7.8	15.0	32	0.66	0.0	193	41.0	15	2.1	37	5.4	16	0.0	0	0.0	0	0.0	11	3.6
AVG.	#DIV/0!	10.4	7.6	12.4	30	0.36	#DIV/0!	113	36.5	6	1.9	16	5.2	8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	6	2.1

Comments:

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials) DK

Mo/Yr Aug-26

PWSID # 011-0008 SYSTEM NAME Oakland Water Dept PLANT NUMBER AND NAME: 1 Broadford

Turbidity Readings From (Check one): ○ Combined filter effluent turbidimeter ○ Individual filter(s) effluent (weighted average if > one filter) ◉ clear well effluent ○ Other:

	FINISHED WATER							FINISHED WATER TURBIDITY ☐ continuous monitoring ☑ grab samples					DISTRIBUTION (any and all samples)			FLOW DATA			
						Cl_2-Point of Entry				Number of Readings Taken			Cl_2 Residual (mg/L)					Backwash Water	
Date	Max Settled Turb NTU	pH	Total Alk. mg/L	Fluro. mg/L	Iron mg/L	Number of Readings	Minimum Residual mg/L	avg NTU	max NTU	Total	≤0.3 NTU	>1 NTU	min	max	avg	Raw water MGD	Finished MGD Water	MGD	% Total Flow
1	2.04	7.49	45	0.39	0.1	7	1.30	0.19	0.21	7	7	0	0.43	0.78	0.61	385000.000	380000.000		
2	1.79	7.52	48	0.4	0.08	7	1.20	0.19	0.21	7	7	0		0.51		375000.000	350000.000	21000.000	5.0%
3	1.5	7.39	49	0.43	0.09	7	1.20	0.15	0.21	7	7	0	0.40	0.69	0.55	325000.000	320000.000		
4	0.97	7.58	39	0.39	0.04	7	1.20	0.15	0.18	7	7	0	0.55	1.54	1.05	400000.000	375000.000	20000.000	5.0%
5	1.84	7.41	43	0.38	0.06	7	1.20	0.19	0.21	7	7	0		0.44		460000.000	455000.000		
6	1.42	7.38	46	0.36	0.09	10	1.20	0.17	0.2	10	10	0		0.78		875000.000	850000.000	20000.000	2.0%
7	1.01	7.55	42	0.36	0.07	10	1.20	0.14	0.16	10	10	0		0.53		705000.000	700000.000		
8	2.55	7.31	39	0.43	0.02	6	1.20	0.21	0.24	6	6	0		0.73		300000.000	295000.000		
9	2.27	7.36	45	0.43	0.09	6	1.30	0.2	0.27	6	6	0		0.66		345000.000	320000.000	20000.000	6.0%
10	1.37	7.51	52	0.41	0.14	6	1.20	0.18	0.21	6	6	0	0.48	0.59	0.54	325000.000	320000.000		
11	1.59	7.48	47	0.45	0.12	5	1.20	0.16	0.21	5	5	0		0.61		335000.000	310000.000	20000.000	6.0%
12	1.65	7.33	51	0.51	0.06	6	1.20	0.16	0.2	6	6	0		0.49		335000.000	330000.000		
13	1.94	7.4	41	0.48	0.09	5	1.20	0.18	0.25	5	5	0		0.67		345000.000	330000.000	21000.000	6.0%
14	2.22	7.57	48	0.47	0.12	6	1.20	0.19	0.2	6	6	0		0.41		315000.000	310000.000		
15	1.11	7.6	38	0.54	0.17	7	1.20	0.17	0.19	7	7	0		1.12		330000.000	325000.000		
16	1.32	7.53	56	0.42	0.08	6	1.20	0.15	0.19	6	6	0		0.71		325000.000	300000.000	20000.000	6.0%
17	1.78	7.46	50	0.44	0.07	6	1.20	0.21	0.26	6	6	0	0.70	0.85	0.78	330000.000	325000.000		
18	2.16	7.42	49	0.42	0.02	6	1.20	0.18	0.23	6	6	0		0.58		335000.000	310000.000	20000.000	6.0%
19	1.78	7.53	45	0.42	0.06	6	1.20	0.17	0.21	6	6	0	0.38	1.31	0.85	325000.000	320000.000		
20	1.81	7.52	43	0.41	0.13	6	1.20	0.16	0.19	6	6	0		0.43		320000.000	295000.000	20000.000	6.0%
21	2.08	7.52	48	0.42	0.1	6	1.20	0.17	0.2	6	6	0		1.21		320000.000	315000.000		
22	3	7.41	51	0.4	0.01	6	1.20	0.24	0.27	6	6	0		0.62		345000.000	340000.000		
23	3.7	7.38	36	0.37	0.16	7	1.20	0.26	0.29	7	7	0	0.38	0.71	0.55	360000.000	335000.000	20000.000	6.0%
24	3.11	7.66	49	0.33	0.14	7	1.20	0.19	0.21	7	7	0		0.46		325000.000	320000.000		
25	2.98	7.63	48	0.32	0.09	6	1.20	0.16	0.22	6	6	0		0.61		390000.000	365000.000	20000.000	6.0%
26	4	7.56	52	0.31	0.13	5	1.20	0.18	0.2	5	5	0		0.40		315000.000	310000.000		
27	2.62	7.54	45	0.28	0.16	6	1.20	0.16	0.19	6	6	0		0.86		360000.000	335000.000	21000.000	6.0%
28	2.95	7.54	49	0.3	0.12	7	1.20	0.16	0.24	7	7	0		0.35		360000.000	355000.000		
29	2.48	7.58	45	0.29	0.14	7	1.20	0.19	0.21	7	7	0		0.72		355000.000	350000.000		
30	2.63	7.52	40	0.32	0.1	7	1.20	0.19	0.21	7	7	0		0.53		400000.000	375000.000	20000.000	5.0%
31	1.75	7.53	45	0.37	0.06	6	1.20	0.13	0.2	6	6	0	0.35	0.89	0.62	340000.000	335000.000		
TOTAL						202				202	202	0				##########	##########	263000.000	
MIN	1.0	7.3	36.0	0.3	0.0	5	1.20						0.35			300000.000	295000.000	20000.000	2.0%
MAX	4.0	7.7	56.0	0.5	0.2	10			0.3					1.54		875000.000	850000.000	21000.000	6.0%
AVG.	2.1	7.5	45.9	0.4	0.1	7		0.2							0.69	376129.032	363064.516	20[illegible]	[illegible]%

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials) _____ Mo/Yr Aug-26

PWSID # 011-0008 Public Water System Name: Oakland Water Dept Plant Number and Name: 1 Broadford

PERFORMANCE DATA

INDIVIDUAL FILTER TURBIDITY

☑ continuous monitoring ☐ continuous monitoring and grab samples

Date	Filter No. 1	Filter No. 2	Filter No. 3	Filter No. 4	Filter No. 5	Filter No. 6	Filter No. 7	Filter No. 8	Filter No. 9	Filter No. 10	Filter No. 11	Filter No. 12	Filter No. 13	Filter No. 14
	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)	Max turb (NTU)
1	0.08	0.12	0.08											
2	0.08	0.11	0.08											
3	0.08	0.1	0.06											
4	0.06	0.1	0.1											
5	0.09	0.12	0.08											
6	0.07	0.12	0.08											
7	0.07	0.1	0.06											
8	0.08	0.12	0.1											
9	0.11	0.17	0.15											
10	0.08	0.1	0.06											
11	0.07	0.11	0.1											
12	0.07	0.11	0.06											
13	0.07	0.11	0.1											
14	0.08	0.11	0.09											
15	0.07	0.11	0.08											
16	0.07	0.1	0.06											
17	0.09	0.14	0.12											
18	0.08	0.11	0.06											
19	0.09	0.11	0.08											
20	0.06	0.1	0.06											
21	0.07	0.1	0.06											
22	0.11	0.16	0.12											
23	0.13	0.14	0.12											
24	0.13	0.1	0.06											
25	0.13	0.1	0.07											
26	0.13	0.1	0.11											
27	0.13	0.11	0.1											
28	0.13	0.12	0.11											
29	0.15	0.13	0.07											
30	0.13	0.1	0.05											
31	0.13	0.12	0.1											
MAX	0.15	0.17	0.15	0	0	0	0	0	0	0	0	0	0	0
Average	0.094193548	0.114516129	0.08516129	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comments: _____

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials): D.K. **Mo/Yr** Aug / 2026

PWSID #: 11-0008 **Public Water System Name:** Oakland Water Dept **Plant Number and Name:** Bradford Water Plant

GENERAL			RAW WATER				CHEMICAL ADDITION													
							Coagulant		Polymer		Lime		Fluoride		Other		Pre-Chlorine		Post-Chlorine	
Date	Rain (Inches or Y/N)	Hours In Service	pH	Turbidity	Alk	Iron								GAL ~~mg/L~~						
				NTU	mg/L	mg/L	#/d	mg/L	#/d	mg/L	#/d	mg/L	#/d		#/d	mg/L	#/d	mg/L	#/d	mg/L
1	N	10.75	7.52	13	30	.29	118	36	6	1.8	17	5.2	8	GAL					6	1.86
2	Y	10.50	7.58	14	31	.66	115	36	6	1.9	16	5.1	8	GAL					6	1.91
3	N	9.75	7.78	13	31	.30	98	36	5	1.8	14	5.2	7	GAL					7	2.58
4	N	11.0	7.63	10	29	.31	120	35	7	2.0	17	5.0	9	GAL					6	1.79
5	Y	12.25	7.60	12	31	.32	134	35	7	1.8	19	5.0	10	GAL					9	2.37
6	N	17.0	7.59	13	32	.29	185	25	15	2.1	37	5.1	16	GAL					10	1.37
7	Y	17.75	7.57	12	26	.25	193	33	12	2.0	30	5.1	15	GAL					11	1.87
8	Y	9.00	7.32	13	31	.48	98	39	5	2.0	13	5.2	7	GAL					6	2.39
9	N	9.75	7.43	12	29	.45	106	37	5	1.7	15	5.2	7	GAL					6	2.08
10	Y	9.25	7.72	15	30	.36	101	37	5	1.8	14	5.1	8	GAL					5	1.84
11	Y	9.00	7.50	13	32	.23	98	35	5	1.8	14	5.0	6	GAL					5	1.78
12	N	9.50	7.61	12	32	.29	104	37	5	1.8	14	5.0	6	GAL					6	2.14
13	N	9.25	7.75	13	32	.31	101	35	5	1.7	15	5.2	7	GAL					6	2.08
14	Y	9.00	7.59	13	31	.38	98	37	5	1.9	14	5.3	6	GAL					5	1.90
15	N	10.25	7.77	12	29	.38	110	41	5	1.7	15	5.4	7	GAL					10	3.63
16	Y	9.75	7.74	13	32	.31	106	40	5	1.8	14	5.2	8	GAL					5	1.84
17	Y	10.00	7.47	14	30	.42	109	40	5	1.8	14	5.1	7	GAL					5	1.81
18	Y	9.50	7.63	11	32	.33	104	37	5	1.8	15	5.3	7	GAL					6	2.14
19	N	9.50	7.56	14	31	.31	101	36	5	1.8	14	5.1	7	GAL					6	2.21
20	Y	8.75	7.34	12	29	.38	95	35	5	1.9	14	5.2	7	GAL					7	2.62
21	N	9.50	7.61	14	28	.30	104	38	5	1.8	14	5.2	7	GAL					6	2.24
22	N	10.50	7.33	13	30	.40	114	39	5	1.7	15	5.2	6	GAL					5	1.73
23	N	10.00	7.30	13	30	.53	109	36	6	2.0	16	5.3	8	GAL					7	2.33
24	N	9.75	7.72	14	24	.39	107	39	5	1.8	14	5.1	7	GAL					6	2.21
25	N	10.50	7.64	15	28	.33	114	35	6	1.8	17	5.2	8	GAL					7	2.15
26	N	9.50	7.68	11	29	.30	104	40	5	1.9	14	5.3	7	GAL					6	2.28
27	N	9.75	7.78	13	31	.32	106	35	6	2.0	16	5.3	7	GAL					5	1.66
28	N	11.00	7.78	9	30	.31	120	40	6	2.0	16	5.3	7	GAL					6	2.00
29	N	10.0	7.60	8	31	.36	109	36	6	2.0	15	5.0	9	GAL					6	2.02
30	N	9.75	7.70	9	29	.44	107	32	7	2.0	17	5.0	8	GAL					6	1.79
31	Y	10.00	7.38	12	31	.35	109	38	5	1.7	15	5.3	7	GAL					6	2.11
TOTAL		321.75	235.47	385	931	11.09	3502	1132	185	57.6	504	160.2	244						199	64.73
MIN		8.75	7.30	8	24	.23	95	25	5	1.7	13	5.0	6						5	1.37
MAX		17.75	7.78	15	32	.66	193	41	15	2.1	37	5.4	16						11	3.63
AVG.		10.38	7.60	12.42	30	.35	113	36	5.9	1.8	16	5.2	7.8						6	2.08

Comments:

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials): D.K. Mo/Yr: Aug /2026

PWSID #: 11-0008 SYSTEM NAME: Oakland Water Dept. PLANT NUMBER AND NAME: Roseford Water Plant

Turbidity Readings From (Check one): ☐ Combined filter effluent turbidimeter ☐ Individual filter(s) effluent (weighted average if > one filter) ☑ Raw water influent ☐ Other

Date	FINISHED WATER: Max Settled Turb. NTU	pH	Total Alk. mg/L	Fluro. mg/L	Iron mg/L	Cl_2-Point of Entry: Number of Readings	Cl_2-Point of Entry: Minimum Residual mg/L	FINISHED WATER TURBIDITY (☑ bathtub monitoring ☑ grab sample): avg NTU	max NTU	Number of Readings Taken: Total	≤0.3 NTU	>1 NTU	DISTRIBUTION (any and all samples) Cl_2 Residual (mg/L): min	max	avg	FLOW DATA: Raw water MGD	Finished MGD Water	Backwash Water: MGD	Backwash Water: % Total Flow
1	2.04	7.49	45	.39	.10	7	1.3	.19	.21	7	7	0	.43	.78		385,000	580,000		
2	1.79	7.52	48	.40	.08	7	1.2	.19	.21	7	7	0		.51		375,000	350,000	21,000	5%
3	1.50	7.39	49	.43	.09	7	1.2	.15	.21	7	7	0	.40	.69	.55	325,000	320,000		
4	.97	7.58	39	.39	.04	7	1.2	.15	.18	7	7	0	.55	1.34	1.05	400,000	375,000	20,000	5%
5	1.84	7.41	43	.38	.06	7	1.2	.19	.21	7	7	0		.44		460,000	455,000		
6	1.42	7.38	46	.36	.09	10	1.2	.17	.20	10	10	0		.78		875,000	850,000	20,000	2%
7	1.01	7.55	.42	.36	.07	10	1.2	.14	.16	10	10	0		.53		705,000	700,000		
8	2.55	7.31	39	.43	.02	6	1.2	.21	.24	6	6	0		.73		300,000	295,000		
9	2.27	7.36	45	.43	.09	6	1.3	.20	.27	6	6	0		.66		345,000	320,000	20,000	6%
10	1.37	7.51	52	.41	.14	6	1.2	.18	.21	6	6	0	.46	.59	.54	325,000	320,000		
11	1.59	7.48	47	.45	.12	5	1.2	.16	.21	5	5	0		.61		335,000	310,000	20,000	6%
12	1.65	7.33	51	.51	.06	6	1.2	.16	.20	6	6	0		.49		335,000	330,000		
13	1.94	7.40	41	.48	.09	5	1.2	.18	.25	5	5	0		.67		345,000	330,000	21,000	6%
14	2.22	7.57	48	.47	.12	6	1.2	.19	.20	6	6	0		.41		315,000	310,000		
15	1.11	7.60	38	.54	.17	7	1.2	.17	.19	7	7	0		1.12		330,000	325,000		
16	1.32	7.53	56	.42	.08	6	1.2	.15	.19	6	6	0		.71		385,000	300,000	20,000	6%
17	1.78	7.46	50	.44	.07	6	1.2	.21	.26	6	6	0	.70	.85	.78	330,000	325,000		
18	2.16	7.42	49	.42	.02	6	1.2	.18	.23	6	6	0		.58		335,000	340,000	20,000	6%
19	1.78	7.53	45	.42	.06	6	1.2	.17	.21	6	6	0	.38	1.31	.85	325,000	320,000		
20	1.81	7.52	43	.41	.13	6	1.2	.16	.19	6	6	0		.43		320,000	295,000	20,000	6%
21	2.08	7.52	48	.42	.10	6	1.2	.17	.20	6	6	0		1.21		320,000	315,000		
22	3.10	7.41	51	.40	.01	6	1.2	.24	.27	6	6	0		.62		345,000	340,000		
23	3.70	7.38	36	.37	.16	7	1.2	.26	.29	7	7	0	.38	.71	.55	360,000	335,000	20,000	5%
24	3.11	7.66	49	.33	.14	7	1.2	.19	.21	7	7	0		.46		325,000	320,000		
25	2.98	7.63	48	.32	.09	6	1.2	.16	.22	6	6	0		.61		390,000	365,000	20,000	5%
26	4.00	7.56	52	.31	.13	5	1.2	.18	.20	5	5	0		.40		315,000	310,000		
27	2.62	7.54	45	.28	.16	6	1.2	.16	.19	6	6	0		.86		360,000	335,000	21,000	6%
28	2.95	7.54	49	.30	.12	7	1.2	.16	.24	7	7	0		.35		360,000	355,000		
29	2.48	7.58	45	.29	.14	7	1.2	.19	.21	7	7	0		.72		355,000	350,000		
30	2.63	7.52	40	.32	.10	7	1.2	.19	.21	7	7	0		.53		400,000	375,000	20,000	5%
31	1.75	7.53	45	.37	.06	6	1.2	.13	.20	6	6	0	.35	.89	.62	340,000	335,000		
TOTAL	65.53	232.21	1424	12.25	2.91	202	37.4	5.53	6.67	202	202	0	3.67	21.79	4.94	11,660,000	11,255,000	263,000	69
MIN	.97	7.31	36	.29	.02	5	1.2	.13	.16	5	5	0	.35	.35	.54	300,000	295,000	20,000	2
MAX	4.00	7.66	56	.54	.17	10	1.3	.26	.27	10	10	0	.70	1.54	1.05	875,000	850,000	21,000	6
AVG.	2.11	7.49	45.94	.40	.09	6.52	1.21	.18	.22	6.52	6.52	0	.46	.70	.62	376,129	363,064	20,230	5.3

Comments:

SURFACE WATER/GWUDI FILTRATION PLANT MONTHLY OPERATING REPORT

Superintendent (Initials) D.K.

Mo/Yr Aug 2026

PWSID # 11-0006 Public Water System Name: Oakland Water Dept. Plant Number and Name: Bradford Water Plant

PERFORMANCE DATA

INDIVIDUAL FILTER TURBIDITY

☑ Continuous monitoring ☐ Continuous monitoring and grab samples

Date	Filter No. 1 Max turb (NTU)	Filter No. 2 Max turb (NTU)	Filter No. 3 Max turb (NTU)	Filter No. 4 Max turb (NTU)	Filter No. 5 Max turb (NTU)	Filter No. 6 Max turb (NTU)	Filter No. 7 Max turb (NTU)	Filter No. 8 Max turb (NTU)	Filter No. 9 Max turb (NTU)	Filter No. 10 Max turb (NTU)	Filter No. 11 Max turb (NTU)	Filter No. 12 Max turb (NTU)	Filter No. 13 Max turb (NTU)	Filter No. 14 Max turb (NTU)
1	.08	.12	.08											
2	.08	.11	.08											
3	.08	.10	.06											
4	.06	.10	.10											
5	.09	.12	.08											
6	.07	.12	.08											
7	.07	.10	.06											
8	.06	.12	.10											
9	.11	.17	.15											
10	.08	.10	.06											
11	.07	.11	.10											
12	.07	.11	.06											
13	.07	.11	.16											
14	.06	.11	.09											
15	.07	.11	.08											
16	.07	.10	.06											
17	.09	.14	.12											
18	.06	.11	.06											
19	.09	.11	.08											
20	.06	.10	.06											
21	.07	.10	.06											
22	.11	.16	.12											
23	.13	.14	.12											
24	.13	.10	.06											
25	.13	.10	.07											
26	.13	.10	.11											
27	.13	.11	.10											
28	.13	.12	.11											
29	.15	.13	.07											
30	.13	.10	.06											
31	.13	.12	.10											
MAX	.15	.17	.15											
Average	.09	.11	.09											

Comments: