

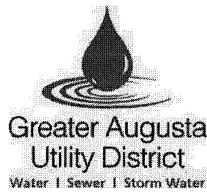
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February 3, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of January, 2021.

You should find the following documents:

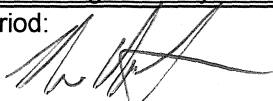
1. Operating report;
2. Water production report;
3. Triangle fluoridation report
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

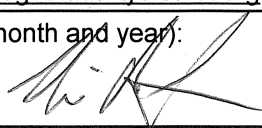
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period:	January, 2021		
Signature: 	2/3/2021		

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station			Riverside Station				Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH		Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.74	7.82	1.09	0.63	7.64	1.00	2	8		1.4	7.1	
2	1.08	7.83	1.13	0.36	7.64	0.98	3	13		0.9	4.2	
3	0.57	7.83	1.06	0.73	7.64	1.01	2	6		1.6	8.3	
4	0.87	7.83	1.10	0.59	7.64	1.00	2	10		1.4	6.9	
5	1.08	7.83	1.02	0.52	7.63	0.99	3	12		1.2	6.0	
6	0.69	7.83	0.92	0.63	7.63	0.98	2	7		1.4	7.2	
7	1.08	7.83	1.06	0.58	7.63	1.00	3	13		1.3	6.8	
8	0.78	7.83	1.11	0.59	7.62	1.02	2	8		1.3	6.9	50
9	0.80	7.83	1.06	0.71	7.62	1.02	2	9		1.7	8.4	
10	0.71	7.83	1.01	0.67	7.62	1.02	2	8		1.5	7.8	
11	0.95	7.83	1.12	0.57	7.62	1.01	3	10		1.3	6.8	
12	0.80	7.83	0.93	0.64	7.61	1.01	2	10		1.5	7.5	
13	1.11	7.83	1.10	0.52	7.61	0.86	2	12	50	1.1	6.2	
14	0.93	7.83	1.14	0.55	7.61	1.02	3	11		1.3	6.4	
15	0.93	7.84	1.12	0.61	7.61	1.01	2	10		1.4	7.1	50
16	0.74	7.83	1.07	0.65	7.61	0.99	2	9		1.4	7.6	
17	0.92	7.84	1.08	0.67	7.60	0.98	3	10		1.6	7.7	
18	0.61	7.85	1.02	0.68	7.60	0.98	1	7		1.5	8.1	
19	0.92	7.86	1.04	0.66	7.60	0.97	3	11	50	1.5	7.7	
20	1.07	7.87	1.02	0.55	7.60	0.95	3	12		1.3	6.5	
21	0.63	7.86	0.96	0.64	7.60	1.06	2	7		1.4	7.5	
22	0.92	7.87	1.09	0.61	7.60	1.21	2	11		1.4	7.3	
23	0.98	7.87	1.03	0.41	7.60	1.22	3	11		1.0	4.9	
24	0.66	7.87	1.10	0.63	7.60	1.22	2	8		1.4	7.5	
25	0.96	7.87	1.08	0.54	7.59	1.20	2	11		1.2	6.4	
26	0.87	7.87	1.13	0.53	7.59	1.22	3	10	50	1.2	6.5	
27	0.97	7.87	1.18	0.58	7.60	1.22	3	12		1.3	7.0	50
28	0.72	7.88	1.16	0.57	7.60	1.22	2	8		1.3	6.9	
29	0.97	7.88	1.17	0.38	7.59	1.20	3	12		0.8	4.5	
30	0.97	7.88	1.18	0.43	7.60	1.19	3	12		1.0	5.1	
31	0.96	7.87	1.19	0.53	7.59	1.18	2	11		1.1	6.1	
Summary	26.97	7.85	0.92	17.97	7.61	0.86	74	311	150	41	210	150
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	115 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	521 gallons
NaF	Sodium fluoride	fluoridation		300 pounds

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.80

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period (month and year):	January, 2021		
Signature	 February 3, 2021		

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.00	0.74	0.00	0.74	0.00	0.62	0.63	1.37
2	0.00	1.08	0.00	1.08	0.00	0.36	0.37	1.45
3	0.00	0.56	0.00	0.57	0.00	0.73	0.75	1.31
4	0.00	0.87	0.00	0.87	0.00	0.59	0.61	1.48
5	0.00	1.08	0.00	1.08	0.00	0.52	0.53	1.62
6	0.00	0.69	0.00	0.69	0.00	0.63	0.64	1.33
7	0.00	1.08	0.00	1.08	0.00	0.58	0.59	1.68
8	0.00	0.78	0.00	0.78	0.00	0.59	0.61	1.39
9	0.00	0.80	0.00	0.80	0.00	0.71	0.74	1.53
10	0.00	0.71	0.00	0.71	0.00	0.67	0.69	1.39
11	0.00	0.59	0.36	0.95	0.00	0.57	0.59	1.55
12	0.00	0.00	0.80	0.80	0.00	0.64	0.66	1.47
13	0.20	0.00	0.91	1.11	0.00	0.52	0.53	1.64
14	0.00	0.00	0.92	0.93	0.00	0.55	0.57	1.49
15	0.00	0.00	0.92	0.93	0.00	0.61	0.62	1.55
16	0.00	0.00	0.73	0.74	0.00	0.65	0.67	1.41
17	0.00	0.00	0.92	0.92	0.00	0.67	0.69	1.61
18	0.00	0.00	0.61	0.61	0.00	0.68	0.71	1.32
19	0.00	0.59	0.33	0.92	0.00	0.66	0.68	1.59
20	0.00	1.07	0.00	1.07	0.00	0.55	0.57	1.64
21	0.00	0.63	0.00	0.63	0.00	0.64	0.66	1.29
22	0.00	0.92	0.00	0.92	0.00	0.61	0.63	1.55
23	0.00	0.98	0.00	0.98	0.00	0.41	0.43	1.40
24	0.00	0.66	0.00	0.66	0.00	0.63	0.65	1.31
25	0.49	0.29	0.19	0.96	0.00	0.54	0.56	1.52
26	0.86	0.00	0.00	0.87	0.00	0.53	0.55	1.42
27	0.97	0.00	0.00	0.97	0.00	0.58	0.60	1.57
28	0.72	0.00	0.00	0.72	0.00	0.57	0.59	1.30
29	0.97	0.00	0.00	0.97	0.00	0.37	0.38	1.36
30	0.96	0.00	0.00	0.97	0.00	0.00	0.43	1.40
31	0.96	0.00	0.00	0.96	0.00	0.00	0.53	1.49
Sum	6.12	14.14	6.71	26.97	0.01	17.00	18.45	45.42

Percent Triangle 59%
Percent Riverside 41%

Average flow: 1.47

Monthly Fluoride Report		System Information									
System Type - Fluoride Systems		Treatment plant: Triangle Station									
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride									
PWSID#: 90080		Notes: See notes below for specific operating conditions.									
Reporting period:	January, 2021	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 2px;">Date</td> <td style="width: 25%; padding: 2px;">GAUD mg/L</td> <td style="width: 25%; padding: 2px;">Location</td> <td style="width: 25%; padding: 2px;">HETL mg/L</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">Western Station</td> <td style="padding: 2px;"></td> </tr> </table>		Date	GAUD mg/L	Location	HETL mg/L			Western Station	
Date	GAUD mg/L	Location	HETL mg/L								
		Western Station									
Signature: 2/3/2021											

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.74	23	0.78	0.57
2	1.08	36	0.77	0.59
3	0.57	18	0.78	0.58
4	0.87	23	0.80	0.47
5	1.08	36	0.79	0.60
6	0.69	22	0.79	0.58
7	1.08	34	0.71	0.57
8	0.78	26	0.65	0.60
9	0.80	25	0.64	0.57
10	0.71	22	0.65	0.57
11	0.95	31	0.64	0.58
12	0.80	27	0.65	0.59
13	1.11	32	0.65	0.53
14	0.93	31	0.73	0.60
15	0.93	30	0.79	0.58
16	0.74	23	0.78	0.55
17	0.92	30	0.78	0.59
18	0.61	19	0.78	0.56
19	0.92	27	0.79	0.53
20	1.07	34	0.75	0.57
21	0.63	21	0.67	0.59
22	0.92	29	0.67	0.57
23	0.98	31	0.67	0.57
24	0.66	21	0.68	0.56
25	0.96	30	0.66	0.57
26	0.87	26	0.67	0.54
27	0.97	32	0.68	0.59
28	0.72	23	0.68	0.57
29	0.97	31	0.69	0.58
30	0.97	30	0.71	0.56
31	0.96	30	0.70	0.57
Avg	0.87	27.53	0.72	0.57
Min	0.57	18.30	0.64	0.47
Max	1.11	35.85	0.80	0.60
Total	26.97	853.50		

Operating comments

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Riverside Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080		Notes: See notes below for specific operating conditions.	
Reporting period:	January, 2021		
Signature:	2/3/2021	Date	GAUD mg/L
		Location	HETL mg/L
		12 Williams Street	

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.63	23	0.69	0.64
2	0.36	13	0.69	0.65
3	0.73	26	0.68	0.64
4	0.59	21	0.68	0.64
5	0.52	19	0.67	0.65
6	0.63	23	0.65	0.64
7	0.58	21	0.68	0.65
8	0.59	21	0.70	0.64
9	0.71	26	0.71	0.65
10	0.67	24	0.72	0.65
11	0.57	21	0.73	0.65
12	0.64	23	0.72	0.65
13	0.52	18	0.76	0.63
14	0.55	19	0.80	0.63
15	0.61	21	0.74	0.61
16	0.65	22	0.71	0.62
17	0.67	23	0.71	0.61
18	0.68	24	0.71	0.62
19	0.66	22	0.71	0.62
20	0.55	19	0.71	0.62
21	0.64	22	0.71	0.62
22	0.61	21	0.71	0.62
23	0.41	14	0.70	0.62
24	0.63	22	0.68	0.62
25	0.54	19	0.67	0.64
26	0.53	19	0.68	0.65
27	0.58	21	0.67	0.65
28	0.57	20	0.76	0.62
29	0.38	13	0.75	0.61
30	0.43	15	0.76	0.62
31	0.53	18	0.76	0.62
Avg	0.58	20.36	0.71	0.63
Min	0.36	12.80	0.65	0.61
Max	0.73	26.11	0.80	0.65
Total	17.97	631.20		

Operating comments

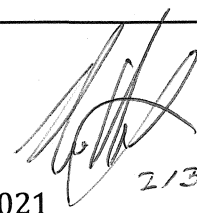
Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: January, 2021

Reporting date: 2/1/2021


2/3/2021

Date	Flow (gallons)	Average Togus chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
1/1/2021	62,030	1.56	0.40	
1/2/2021	60,170	1.61	0.30	
1/3/2021	-	1.53	0.00	valve closed, no flow
1/4/2021	67,650	1.57	0.40	
1/5/2021	66,030	1.53	0.50	
1/6/2021	92,120	1.52	0.50	
1/7/2021	96,790	1.52	0.60	
1/8/2021	68,580	1.54	0.50	
1/9/2021	59,760	1.59	0.30	
1/10/2021	-	1.63	0.00	valve closed, no flow
1/11/2021	67,640	1.59	0.40	
1/12/2021	121,540	1.48	0.80	
1/13/2021	62,820	1.57	0.30	
1/14/2021	64,980	1.10	0.40	
1/15/2021	68,450	1.47	0.40	
1/16/2021	59,360	1.53	0.40	
1/17/2021	670	1.35	0.00	valve closed, no flow
1/18/2021	62,290	1.26	0.40	
1/19/2021	66,580	1.33	0.40	
1/20/2021	66,710	1.38	0.40	
1/21/2021	68,050	1.46	0.40	
1/22/2021	106,950	1.51	0.70	
1/23/2021	17,390	1.57	0.10	
1/24/2021	63,100	1.57	0.40	
1/25/2021	69,250	1.52	0.40	
1/26/2021	68,580	1.51	0.40	
1/27/2021	70,720	1.49	0.50	
1/28/2021	69,920	1.49	0.40	
1/29/2021	67,250	1.52	0.40	
1/30/2021	61,230	1.53	0.40	
1/31/2021	63,100	1.55	0.40	
Sum	1,939,710		11.90	
Average	62,571	1.50	0.38	
Max		1.63		

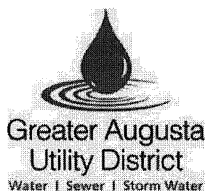
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March 3, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of February, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

As I compiled the data for February I noticed that I forgot to add the HETL and GAUD fluoride residual samples to the January fluoride report. Here are the results for your records.

HETL sample #	Sample location	Date & time collected	Sampler	Fluoride (HETL)	Fluoride (GAUD)
2023387-01	Western Station	1/28/2021 12:20	Vurnakes	0.7	0.75
2023388-01	12 Williams Street	1/28/2021 9:50	Vurnakes	0.7	0.76

If you have any questions, please contact me at 622-3701.

Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greateraugustautilitydistrict.org			
Reporting period:	February, 2021		
Signature: 	3/2/2021		

	Water production, pH and free chlorine residual						Chemical usage					
	Triangle Station			Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	1.16	7.87	1.21	0.53	7.59	1.15	3	14		1.2	6.1	
2	0.88	7.87	1.26	0.48	7.59	1.12	3	11		1.1	5.5	
3	0.86	7.88	1.24	0.52	7.59	1.04	2	10	50	1.1	5.8	
4	0.67	7.88	1.21	0.65	7.59	1.13	2	8		1.4	7.2	
5	1.06	7.89	1.24	0.67	7.60	1.19	3	13		1.5	7.4	
6	0.62	7.89	1.17	0.64	7.60	1.18	1	8		1.4	7.1	
7	0.77	7.89	1.21	0.61	7.60	1.18	2	9		1.3	6.8	
8	0.74	7.89	1.21	0.63	7.60	1.17	2	10		1.4	7.1	50
9	0.92	7.89	1.25	0.69	7.60	1.16	3	11	100	1.5	7.5	50
10	0.92	7.89	1.22	0.61	7.60	1.11	3	10		1.4	6.4	
11	0.92	7.89	1.21	0.70	7.60	1.09	3	11		1.5	7.4	
12	1.09	7.89	1.16	0.45	7.60	1.08	3	12		1.0	4.9	
13	0.76	7.90	1.20	0.64	7.60	1.08	2	9		1.4	6.8	
14	0.92	7.90	1.19	0.62	7.60	1.07	2	10		1.3	6.5	
15	0.92	7.89	1.18	0.62	7.60	1.07	3	11		1.4	6.6	
16	0.72	7.89	1.11	0.66	7.60	1.06	2	8	50	1.4	7.0	
17	0.97	7.90	1.15	0.55	7.60	1.05	3	11		1.2	5.9	50
18	0.96	7.90	1.22	0.54	7.60	1.04	3	11		1.2	5.7	
19	0.96	7.90	1.23	0.61	7.60	1.04	3	11		1.3	6.5	
20	0.71	7.91	1.20	0.57	7.60	1.03	2	8		1.3	5.9	
21	0.96	7.92	1.24	0.56	7.60	1.02	2	11		1.2	6.1	
22	1.00	7.91	1.24	0.48	7.60	1.01	3	11		1.1	5.0	
23	0.92	7.91	1.31	0.56	7.60	1.02	3	11	50	1.2	5.9	
24	0.92	7.78	1.31	0.69	7.60	1.01	3	10		1.5	7.3	
25	0.92	7.68	1.31	0.60	7.60	1.00	3	10		1.3	6.3	
26	0.92	7.68	1.26	0.72	7.60	0.99	2	11		1.6	7.5	
27	0.76	7.68	1.21	0.64	7.60	0.98	2	9		1.3	6.7	
28	0.73	7.68	1.21	0.66	7.59	0.98	2	8		1.5	6.9	
Summary	24.66	7.86	1.11	16.89	7.60	0.98	68	288	250	37	181	150
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	105 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	469 gallons
NaF	Sodium fluoride	fluoridation		400 pounds

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.85

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		February, 2021	
Signature 		March 2, 2021	

Daily water production (MG)								
Date	Triangle HD-4	South HD-6	Brookside HD-5	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.20	0.63	0.34	1.16	0.00	0.53	0.53	1.69
2	0.00	0.88	0.00	0.88	0.00	0.48	0.48	1.36
3	0.00	0.86	0.00	0.86	0.00	0.52	0.52	1.38
4	0.00	0.67	0.00	0.67	0.00	0.65	0.65	1.32
5	0.00	1.06	0.00	1.06	0.00	0.67	0.67	1.73
6	0.00	0.48	0.15	0.62	0.00	0.64	0.64	1.26
7	0.00	0.77	0.00	0.77	0.00	0.61	0.61	1.39
8	0.00	0.23	0.50	0.74	0.00	0.63	0.63	1.37
9	0.00	0.00	0.92	0.92	0.00	0.69	0.69	1.61
10	0.00	0.00	0.92	0.92	0.00	0.61	0.61	1.53
11	0.00	0.00	0.91	0.92	0.00	0.70	0.70	1.62
12	0.35	0.00	0.73	1.09	0.00	0.45	0.45	1.53
13	0.00	0.00	0.75	0.76	0.00	0.64	0.64	1.40
14	0.00	0.00	0.92	0.92	0.00	0.62	0.62	1.54
15	0.00	0.00	0.92	0.92	0.00	0.62	0.62	1.53
16	0.48	0.00	0.25	0.72	0.00	0.66	0.66	1.39
17	0.97	0.00	0.00	0.97	0.00	0.55	0.55	1.52
18	0.96	0.00	0.00	0.96	0.00	0.54	0.54	1.50
19	0.96	0.00	0.00	0.96	0.00	0.61	0.61	1.58
20	0.71	0.00	0.00	0.71	0.00	0.57	0.57	1.27
21	0.96	0.00	0.00	0.96	0.00	0.56	0.56	1.52
22	0.47	0.21	0.33	1.00	0.00	0.48	0.48	1.48
23	0.00	0.00	0.92	0.92	0.00	0.56	0.56	1.48
24	0.00	0.00	0.92	0.92	0.00	0.69	0.69	1.61
25	0.00	0.00	0.92	0.92	0.00	0.60	0.60	1.52
26	0.00	0.00	0.91	0.92	0.00	0.72	0.72	1.64
27	0.00	0.00	0.76	0.76	0.00	0.64	0.64	1.40
28	0.00	0.00	0.72	0.73	0.00	0.66	0.66	1.39
Sum	6.04	5.81	12.81	24.66	0.00	16.89	16.89	41.55

Percent Triangle 59%
Percent Riverside 41%

Average flow: 1.48

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period:	February, 2021	Notes: See notes below for specific operating conditions.			
Signature:	3/2/2021	Date	GAUD mg/L	Location	HETL mg/L
		2/10/2021 12:40	0.64	Western Station	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.16	36	0.66	0.56
2	0.88	28	0.62	0.57
3	0.86	25	0.61	0.52
4	0.67	22	0.62	0.59
5	1.06	33	0.66	0.57
6	0.62	21	0.71	0.60
7	0.77	25	0.71	0.58
8	0.74	23	0.68	0.56
9	0.92	25	0.69	0.49
10	0.92	29	0.72	0.57
11	0.92	29	0.71	0.57
12	1.09	35	0.64	0.57
13	0.76	24	0.67	0.57
14	0.92	29	0.67	0.57
15	0.92	29	0.65	0.57
16	0.72	20	0.63	0.50
17	0.97	32	0.65	0.60
18	0.96	30	0.67	0.56
19	0.96	31	0.67	0.58
20	0.71	23	0.69	0.59
21	0.96	30	0.69	0.57
22	1.00	33	0.68	0.59
23	0.92	28	0.66	0.54
24	0.92	30	0.66	0.58
25	0.92	30	0.66	0.58
26	0.92	29	0.68	0.58
27	0.76	24	0.69	0.57
28	0.73	22	0.68	0.56
Avg	0.88	27.69	0.67	0.57
Min	0.62	20.15	0.61	0.49
Max	1.16	36.20	0.72	0.60
Total	24.66	775.34		

Operating comments

Monthly Fluoride Report

System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: 90080

Reporting period: **February, 2021**

Signature: 

3/2/2021

System Information

Treatment plant: **Riverside Station**

Chemical Used: **Sodium fluoride**

Notes: See notes below for specific operating conditions.

Date	GAUD mg/L	Location	HETL mg/L
2/10/2021 11:35	0.65	12 Williams Street	0.6

Fluoride

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.53	18	0.75	0.61
2	0.48	16	0.76	0.61
3	0.52	17	0.74	0.60
4	0.65	22	0.74	0.60
5	0.67	22	0.71	0.60
6	0.64	21	0.66	0.60
7	0.61	20	0.62	0.60
8	0.63	22	0.63	0.61
9	0.69	23	0.73	0.61
10	0.61	21	0.77	0.61
11	0.70	23	0.78	0.60
12	0.45	15	0.78	0.60
13	0.64	22	0.78	0.61
14	0.62	21	0.77	0.60
15	0.62	21	0.77	0.60
16	0.66	22	0.76	0.60
17	0.55	18	0.78	0.61
18	0.54	18	0.79	0.61
19	0.61	21	0.78	0.61
20	0.57	19	0.78	0.60
21	0.56	19	0.78	0.61
22	0.48	16	0.78	0.62
23	0.56	19	0.79	0.61
24	0.69	23	0.78	0.60
25	0.60	20	0.79	0.61
26	0.72	24	0.77	0.60
27	0.64	21	0.78	0.60
28	0.66	22	0.77	0.60
Avg	0.60	20.28	0.75	0.61
Min	0.45	14.90	0.62	0.60
Max	0.72	24.30	0.79	0.62
Total	16.89	567.86		

Operating comments

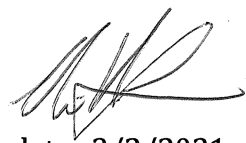
Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: February, 2021

Reporting date: 3/2/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
2/1/2021	66,980	1.54	0.40	
2/2/2021	67,370	1.52	0.40	
2/3/2021	67,930	1.54	0.40	
2/4/2021	67,640	1.58	0.40	
2/5/2021	66,180	1.58	0.40	
2/6/2021	61,360	1.57	0.40	
2/7/2021	62,030	1.57	0.40	
2/8/2021	66,310	1.58	0.40	
2/9/2021	66,710	1.61	0.40	
2/10/2021	66,580	1.56	0.40	
2/11/2021	70,320	1.61	0.40	
2/12/2021	68,720	1.60	0.40	
2/13/2021	64,040	1.58	0.40	
2/14/2021	63,360	1.56	0.30	
2/15/2021	62,300	1.53	0.40	
2/16/2021	65,510	1.58	0.40	
2/17/2021	67,910	1.57	0.30	
2/18/2021	71,390	1.56	0.50	
2/19/2021	68,590	1.53	0.40	
2/20/2021	64,700	1.50	0.30	
2/21/2021	63,380	1.49	0.40	
2/22/2021	70,040	1.52	0.40	
2/23/2021	67,790	1.49	0.40	
2/24/2021	71,120	1.49	0.40	
2/25/2021	68,590	1.49	0.40	
2/26/2021	71,110	1.53	0.40	
2/27/2021	62,840	1.50	0.30	
2/28/2021	64,040	1.46	0.40	
Sum	1,864,840		10.90	
Average	66,601	1.54	0.39	
Max		1.61		

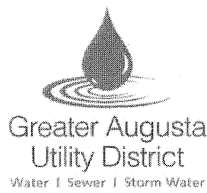
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btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

Charlotte Warren, Hallowell voting member
cwarren@greateraugustautilitydistrict.org

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April 5, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of March, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

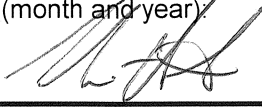
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026 btarbuck@greataugustautilitydistrict.org		
Reporting period:	March, 2021		
Signature:		4/5/2021	

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station				Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	1.01	7.68	1.16	0.64	7.59	0.97	3	11	0	1.4	6.9	50
2	1.23	7.68	1.11	0.01	7.60	0.90	3	14	0	0.1	0.5	0
3	1.48	7.68	1.12	0.00	7.60	0.84	4	16	0	-	0.6	0
4	1.54	7.69	1.17	0.00	7.61	0.84	4	18	0	0.1	0.9	0
5	1.12	7.69	1.23	0.58	7.60	0.92	3	12	0	1.2	6.4	0
6	1.05	7.70	1.23	0.46	7.59	0.96	2	12	0	1.1	5.1	0
7	0.67	7.70	1.20	0.69	7.59	0.96	2	7	0	1.5	7.4	0
8	1.06	7.69	1.18	0.53	7.59	0.95	4	12	0	1.1	5.8	0
9	0.98	7.70	1.08	0.51	7.58	0.89	3	11	0	1.2	5.3	0
10	0.82	7.69	0.99	0.62	7.58	0.95	2	10	0	1.5	6.7	0
11	0.96	7.70	1.06	0.58	7.58	0.96	3	10	0	1.3	6.2	0
12	0.96	7.70	1.17	0.62	7.58	0.94	3	11	0	1.4	6.8	50
13	0.72	7.71	1.16	0.59	7.58	0.93	2	8	0	1.3	6.4	0
14	0.95	7.71	1.19	0.51	7.58	0.92	3	10	0	1.1	5.6	0
15	0.81	7.71	1.18	0.49	7.58	0.92	2	9	0	1.2	5.4	0
16	0.80	7.70	1.18	0.58	7.58	0.91	2	9	0	1.3	6.3	0
17	0.91	7.71	1.19	0.72	7.58	0.98	3	11	0	1.6	7.7	0
18	0.92	7.70	1.06	0.57	7.58	1.09	3	10	0	1.2	6.3	0
19	0.77	7.71	1.12	0.65	7.58	1.18	2	10	0	1.5	7.1	0
20	0.91	7.71	1.26	0.70	7.58	1.17	3	10	0	1.5	7.6	0
21	0.91	7.71	1.26	0.54	7.58	1.16	2	11	0	1.2	6.0	0
22	0.72	7.71	1.16	0.64	7.58	1.17	2	8	0	1.5	7.0	50
23	0.96	7.71	1.13	0.59	7.58	1.15	3	11	0	1.3	6.5	0
24	0.96	7.72	1.12	0.58	7.59	1.22	2	10	0	1.3	6.4	0
25	0.95	7.72	1.12	0.63	7.59	1.25	3	11	0	1.5	7.1	0
26	0.73	7.72	1.10	0.62	7.60	1.25	1	8	0	1.4	7.1	0
27	0.95	7.73	1.13	0.58	7.60	1.25	3	10	0	1.3	6.6	0
28	0.95	7.73	1.13	0.52	7.61	1.24	3	11	0	1.2	6.0	0
29	0.73	7.74	1.14	0.62	7.61	1.20	1	9	0	1.5	7.1	0
30	1.13	7.74	1.19	0.57	7.61	1.10	3	12	0	1.3	6.6	50
31	0.92	7.73	1.21	0.67	7.61	1.10	3	11	0	1.5	7.6	0
Summary	29.61	7.71	0.99	16.62	7.59	0.84	81	334	0	38	184	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)					
	Chemical Name	Purpose	Chemical Strength	Total	Units
Calc	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	119	gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	518	gallons
NaF	Sodium fluoride	fluoridation		200	pounds

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.83

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period (month and year):		March, 2021	
Signature 		April 5, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.26	0.50	0.25	1.01	0.00	0.65	0.65	1.66
2	0.41	0.81	0.00	1.23	0.00	0.00	0.00	1.23
3	0.45	1.03	0.00	1.48	0.00	0.00	0.00	1.48
4	0.52	1.02	0.00	1.54	0.00	0.00	0.00	1.54
5	0.07	1.05	0.00	1.12	0.00	0.60	0.60	1.72
6	0.00	1.05	0.00	1.05	0.00	0.47	0.47	1.53
7	0.00	0.67	0.00	0.67	0.00	0.71	0.71	1.38
8	0.55	0.27	0.23	1.06	0.00	0.54	0.54	1.60
9	0.96	0.01	0.01	0.98	0.00	0.53	0.53	1.51
10	0.81	0.00	0.00	0.82	0.00	0.63	0.63	1.45
11	0.95	0.00	0.00	0.96	0.00	0.59	0.59	1.55
12	0.96	0.00	0.00	0.96	0.00	0.64	0.64	1.60
13	0.72	0.00	0.00	0.72	0.00	0.61	0.61	1.33
14	0.95	0.00	0.00	0.95	0.00	0.53	0.53	1.48
15	0.81	0.00	0.00	0.81	0.00	0.51	0.51	1.32
16	0.32	0.00	0.48	0.80	0.00	0.60	0.60	1.40
17	0.00	0.00	0.91	0.91	0.00	0.74	0.74	1.65
18	0.00	0.00	0.92	0.92	0.00	0.59	0.59	1.51
19	0.00	0.00	0.77	0.77	0.00	0.67	0.67	1.45
20	0.00	0.00	0.91	0.91	0.00	0.73	0.73	1.64
21	0.00	0.00	0.91	0.91	0.00	0.56	0.56	1.47
22	0.49	0.00	0.23	0.72	0.00	0.66	0.66	1.38
23	0.96	0.00	0.00	0.96	0.00	0.61	0.61	1.57
24	0.95	0.00	0.00	0.96	0.00	0.59	0.59	1.55
25	0.95	0.00	0.00	0.95	0.00	0.64	0.64	1.60
26	0.72	0.00	0.00	0.73	0.00	0.64	0.64	1.37
27	0.95	0.00	0.00	0.95	0.00	0.60	0.60	1.55
28	0.95	0.00	0.00	0.95	0.00	0.54	0.54	1.49
29	0.22	0.00	0.51	0.73	0.00	0.64	0.64	1.37
30	0.00	0.23	0.90	1.13	0.00	0.59	0.59	1.72
31	0.00	0.00	0.92	0.92	0.00	0.69	0.69	1.61
Sum	14.95	6.70	7.96	29.61	0.00	17.11	17.11	46.72

Percent Triangle 63%
Percent Riverside 37%

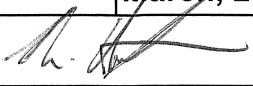
Average flow: 1.51

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Triangle Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080			
Reporting period:	March, 2021	Notes: See notes below for specific operating conditions.	
Signature: 	4/5/2021	Date	GAUD mg/L
		3/24/2021 10:30	0.46
		Location	HETL mg/L
		Western Station	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.01	33	0.65	0.58
2	1.23	39	0.64	0.57
3	1.48	46	0.63	0.56
4	1.54	48	0.69	0.57
5	1.12	35	0.74	0.56
6	1.05	33	0.74	0.57
7	0.67	21	0.73	0.56
8	1.06	33	0.69	0.57
9	0.98	33	0.68	0.60
10	0.82	26	0.68	0.57
11	0.96	31	0.69	0.58
12	0.96	32	0.68	0.60
13	0.72	24	0.69	0.60
14	0.95	29	0.67	0.55
15	0.81	31	0.66	0.68
16	0.80	36	0.69	0.81
17	0.91	42	0.66	0.82
18	0.92	42	0.64	0.81
19	0.77	36	0.66	0.85
20	0.91	43	0.66	0.85
21	0.91	43	0.60	0.84
22	0.72	36	0.60	0.89
23	0.96	56	0.66	1.04
24	0.96	59	0.66	1.10
25	0.95	59	0.65	1.10
26	0.73	44	0.79	1.09
27	0.95	59	0.83	1.11
28	0.95	43	0.52	0.82
29	0.73	1	0.08	0.02
30	1.13	0	0.07	0.00
31	0.92	0	0.07	0.00
Avg	0.96	35.21	0.62	0.67
Min	0.67	0.00	0.07	0.00
Max	1.54	58.69	0.83	1.11
Total	29.61	1,091.61		

Operating comments

Fluoridation system offline for cleaning / maintenance.

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Riverside Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080		Notes: See notes below for specific operating conditions.			
Reporting period:	March, 2021				
Signature: 	4/5/2021	Date	GAUD mg/L	Location	HETL mg/L
		3/24/2021 13:10	0.70	12 Williams Street	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.65	22	0.76	0.60
2	0.00	1	0.79	
3	0.00	1	0.80	
4	0.00	1	0.82	
5	0.60	20	0.81	0.61
6	0.47	16	0.80	0.60
7	0.71	24	0.79	0.60
8	0.54	18	0.80	0.61
9	0.53	14	0.71	0.49
10	0.63	21	0.74	0.60
11	0.59	20	0.68	0.60
12	0.64	22	0.66	0.61
13	0.61	21	0.69	0.61
14	0.53	18	0.72	0.61
15	0.51	17	0.73	0.61
16	0.60	20	0.71	0.60
17	0.74	25	0.68	0.60
18	0.59	20	0.66	0.61
19	0.67	23	0.66	0.61
20	0.73	24	0.62	0.60
21	0.56	19	0.58	0.60
22	0.66	22	0.74	0.61
23	0.61	21	0.78	0.61
24	0.59	20	0.70	0.61
25	0.64	22	0.71	0.61
26	0.64	21	0.72	0.60
27	0.60	20	0.71	0.61
28	0.54	18	0.70	0.61
29	0.64	22	0.66	0.61
30	0.59	20	0.65	0.62
31	0.69	24	0.71	0.64
Avg	0.55	18.59	0.72	0.60
Min	0.00	0.70	0.58	0.49
Max	0.74	24.69	0.82	0.64
Total	17.11	576.15		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: March, 2021

Reporting date: 4/5/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
3/1/2021	71,123	1.46	0.40	
3/2/2021	65,375	1.49	0.30	
3/3/2021	73,391	1.46	0.40	
3/4/2021	72,063	1.45	0.50	
3/5/2021	127,539	1.48	0.70	
3/6/2021	-	1.46	0.00	valve closed, no flow
3/7/2021	61,766	1.47	0.30	
3/8/2021	129,141	1.46	0.80	
3/9/2021	12,172	1.57	0.10	
3/10/2021	127,672	1.59	0.70	
3/11/2021	26,070	1.41	0.20	
3/12/2021	125,266	1.39	0.70	
3/13/2021	-	1.39	0.00	valve closed, no flow
3/14/2021	61,500	1.38	0.30	
3/15/2021	72,859	1.49	0.50	
3/16/2021	70,852	1.41	0.40	
3/17/2021	70,461	1.36	0.40	
3/18/2021	72,055	1.34	0.40	
3/19/2021	69,250	1.27	0.40	
3/20/2021	61,766	1.25	0.40	
3/21/2021	66,313	1.35	0.40	
3/22/2021	79,813	1.36	0.40	
3/23/2021	146,789	1.40	0.90	
3/24/2021	74,867	1.43	0.50	
3/25/2021	140,242	1.38	0.80	
3/26/2021	72,727	1.36	0.40	
3/27/2021	132,484	1.36	0.80	
3/28/2021	68,719	1.40	0.40	
3/29/2021	531	1.00	0.00	valve closed, no flow
3/30/2021	135,430	1.30	1.00	
3/31/2021	142,117	1.48	1.20	
Sum	2,430,350		14.70	
Average	78,398	1.40	0.47	
Max		1.59		

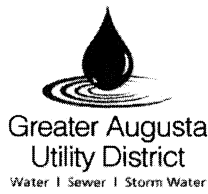
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btarbuck@greateraugustautilitydistrict.org

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kknight@greateraugustautilitydistrict.org

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May 5, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for April, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

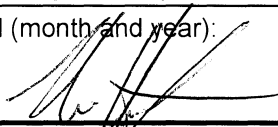
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name	Brian Tarbuck		
and ME License #:	2026		
btarbuck@greateraugustautilitydistrict.org			
Reporting period:	April, 2021		
Signature:	 5/4/2021		

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station			Riverside Station				Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH		Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.92	7.74	1.21	0.65	7.61	1.15	2	11		1.6	7.3	
2	0.92	7.74	1.22	0.68	7.61	1.18	3	10		1.6	7.7	
3	0.98	7.74	1.19	0.49	7.62	1.17	2	11		1.2	5.6	
4	0.87	7.75	1.10	0.65	7.62	1.16	3	9		1.5	7.3	
5	0.67	7.75	1.19	0.70	7.62	1.07	2	8		1.7	7.9	
6	0.94	7.75	1.22	0.73	7.62	1.04	2	11		1.8	8.0	
7	1.07	7.75	1.27	0.56	7.61	1.10	3	12		1.3	6.0	50
8	0.81	7.75	1.25	0.62	7.61	1.10	3	9		1.5	6.7	
9	1.02	7.76	1.18	0.60	7.61	1.12	2	12		1.4	6.3	
10	1.07	7.76	1.26	0.48	7.61	1.10	3	11		1.2	5.2	
11	0.75	7.77	1.23	0.64	7.61	1.12	2	9		1.5	6.7	
12	1.05	7.77	1.25	0.54	7.60	1.12	3	12		1.3	5.8	
13	0.97	7.77	1.25	0.55	7.60	1.11	3	10	50	1.3	5.9	
14	0.96	7.77	1.21	0.62	7.60	1.12	2	11		1.5	6.5	
15	0.96	7.77	1.21	0.53	7.59	1.13	3	11		1.3	5.8	
16	0.95	7.77	1.21	0.54	7.59	1.14	3	11	100	1.3	5.8	50
17	0.63	7.78	1.21	0.62	7.59	1.15	1	7		1.5	6.6	
18	0.95	7.78	1.22	0.55	7.58	1.15	3	10		1.3	5.9	
19	0.70	7.78	1.19	0.63	7.58	1.15	2	8		1.5	6.7	
20	1.00	7.78	1.20	0.60	7.58	1.14	3	11		1.5	6.5	
21	0.86	7.78	1.18	0.59	7.58	1.13	2	10		1.4	6.3	
22	1.07	7.79	1.24	0.49	7.58	1.13	3	12		1.2	5.3	
23	1.07	7.79	1.24	0.59	7.58	1.13	3	12		1.4	6.3	
24	0.70	7.79	1.21	0.59	7.57	1.13	2	8		1.4	6.3	
25	1.07	7.79	1.24	0.52	7.58	1.11	3	12		1.3	5.5	
26	0.67	7.79	1.22	0.59	7.58	1.12	1	8		1.4	6.4	100
27	0.93	7.79	1.30	0.67	7.58	1.12	3	10		1.6	7.2	
28	0.93	7.79	1.33	0.71	7.57	1.12	2	11		1.7	7.6	
29	0.93	7.80	1.25	0.67	7.57	1.12	3	10	50	1.6	7.2	
30	0.93	7.80	1.18	0.65	7.57	1.12	2	11		1.6	6.8	
Summary	27.36	7.77	1.10	18.06	7.59	1.04	75	309	200	43	194	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	118 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	504 gallons
NaF	Sodium fluoride	fluoridation		400 pounds

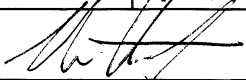
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	0	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.88

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name: Greater Augusta Utility District		Community System	
PWSID#: 90080		List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		April, 2021	
Signature 		May 4, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.00	0.00	0.92	0.92	0.00	0.67	0.67	1.59
2	0.00	0.00	0.92	0.92	0.00	0.71	0.71	1.62
3	0.00	0.28	0.70	0.98	0.00	0.50	0.50	1.48
4	0.00	0.00	0.87	0.87	0.00	0.67	0.67	1.55
5	0.00	0.00	0.67	0.67	0.00	0.73	0.73	1.39
6	0.00	0.69	0.24	0.94	0.00	0.76	0.76	1.69
7	0.00	1.07	0.00	1.07	0.00	0.57	0.57	1.64
8	0.00	0.81	0.00	0.81	0.00	0.64	0.64	1.45
9	0.00	1.02	0.00	1.02	0.00	0.62	0.62	1.64
10	0.00	1.07	0.00	1.07	0.00	0.49	0.49	1.56
11	0.00	0.75	0.00	0.75	0.00	0.66	0.66	1.41
12	0.48	0.36	0.22	1.05	0.00	0.56	0.56	1.61
13	0.96	0.00	0.00	0.97	0.00	0.56	0.56	1.53
14	0.96	0.00	0.00	0.96	0.00	0.63	0.63	1.59
15	0.96	0.00	0.00	0.96	0.00	0.54	0.54	1.51
16	0.95	0.00	0.00	0.95	0.00	0.56	0.56	1.51
17	0.62	0.00	0.00	0.63	0.00	0.64	0.64	1.26
18	0.95	0.00	0.00	0.95	0.00	0.57	0.57	1.52
19	0.69	0.00	0.00	0.70	0.00	0.65	0.65	1.34
20	0.58	0.43	0.00	1.00	0.00	0.62	0.62	1.63
21	0.00	0.86	0.00	0.86	0.00	0.61	0.61	1.47
22	0.00	1.07	0.00	1.07	0.00	0.50	0.50	1.58
23	0.00	1.07	0.00	1.07	0.00	0.61	0.61	1.68
24	0.00	0.70	0.00	0.70	0.00	0.61	0.61	1.32
25	0.00	1.07	0.00	1.07	0.00	0.54	0.54	1.61
26	0.00	0.18	0.49	0.67	0.00	0.61	0.61	1.28
27	0.00	0.00	0.93	0.93	0.00	0.70	0.70	1.63
28	0.00	0.00	0.93	0.93	0.00	0.74	0.74	1.67
29	0.00	0.00	0.93	0.93	0.00	0.70	0.70	1.62
30	0.00	0.00	0.92	0.93	0.00	0.67	0.67	1.59
Sum	7.15	11.46	8.75	27.36	0.00	18.62	18.62	45.98

Percent Triangle 60%
Percent Riverside 40%

Average flow: 1.53

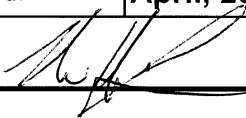
Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080		Notes: See notes below for specific operating conditions.			
Reporting period:	April, 2021	Date	GAUD mg/L	Location	HETL mg/L
Signature: 	5/4/2021	4/7/2021 9:40	0.41	Western Station	0.3

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.92	0	0.07	0.00
2	0.92	0	0.07	0.00
3	0.98	0	0.07	0.00
4	0.87	0	0.07	0.00
5	0.67	0	0.07	0.00
6	0.94	0	0.07	0.00
7	1.07	97	0.35	1.63
8	0.81	32	0.68	0.71
9	1.02	40	0.77	0.71
10	1.07	41	0.80	0.69
11	0.75	29	0.80	0.70
12	1.05	41	0.81	0.70
13	0.97	34	0.84	0.63
14	0.96	33	0.79	0.62
15	0.96	31	0.74	0.59
16	0.95	27	0.71	0.52
17	0.63	21	0.73	0.59
18	0.95	32	0.73	0.60
19	0.70	23	0.72	0.60
20	1.00	33	0.71	0.60
21	0.86	29	0.70	0.60
22	1.07	35	0.71	0.58
23	1.07	35	0.72	0.59
24	0.70	23	0.73	0.60
25	1.07	36	0.74	0.61
26	0.67	22	0.79	0.58
27	0.93	32	0.81	0.61
28	0.93	31	0.81	0.60
29	0.93	29	0.71	0.57
30	0.93	30	0.74	0.59
Avg	0.91	27.23	0.60	0.53
Min	0.63	0.00	0.07	0.00
Max	1.07	97.22	0.84	1.63
Total	27.36	817.00		

Operating comments

Fluoride system out of service for maintenance

Fluoride system returned to service.

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Riverside Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080		Notes: See notes below for specific operating conditions.			
Reporting period:	April, 2021	Date	GAUD mg/L	Location	HETL mg/L
Signature: 	5/4/2021	4/7/2021 10:35	0.57	12 Williams Street	0.5

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.65	23	0.74	0.65
2	0.68	25	0.76	0.65
3	0.49	18	0.77	0.66
4	0.65	24	0.77	0.65
5	0.70	26	0.73	0.66
6	0.73	27	0.67	0.65
7	0.56	20	0.64	0.66
8	0.62	23	0.70	0.65
9	0.60	22	0.78	0.65
10	0.48	17	0.79	0.66
11	0.64	23	0.77	0.66
12	0.54	20	0.74	0.65
13	0.55	20	0.72	0.65
14	0.62	22	0.70	0.65
15	0.53	19	0.67	0.65
16	0.54	20	0.68	0.66
17	0.62	23	0.72	0.66
18	0.55	20	0.73	0.66
19	0.63	23	0.73	0.65
20	0.60	22	0.71	0.66
21	0.59	22	0.68	0.66
22	0.49	18	0.65	0.67
23	0.59	22	0.62	0.66
24	0.59	22	0.61	0.66
25	0.52	19	0.57	0.66
26	0.59	22	0.64	0.67
27	0.67	25	0.73	0.67
28	0.71	27	0.74	0.67
29	0.67	25	0.74	0.67
30	0.65	24	0.75	0.67
Avg	0.60	22.05	0.71	0.66
Min	0.48	17.41	0.57	0.65
Max	0.73	26.62	0.79	0.67
Total	18.06	661.35		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: April, 2021

Reporting date: 5/4/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
4/1/2021	143,580	1.44	1.10	
4/2/2021	76,330	1.56	0.70	
4/3/2021	71,530	1.56	0.50	
4/4/2021	136,230	1.41	0.90	
4/5/2021	76,740	1.42	0.70	
4/6/2021	144,110	1.48	1.20	
4/7/2021	78,350	1.57	0.70	
4/8/2021	134,750	1.49	1.10	
4/9/2021	104,550	1.47	1.00	
4/10/2021	108,690	1.50	0.70	
4/11/2021	66,440	1.49	0.50	
4/12/2021	75,140	1.55	0.70	
4/13/2021	141,440	1.56	1.20	
4/14/2021	148,400	1.52	1.10	
4/15/2021	75,810	1.52	0.70	
4/16/2021	139,700	1.48	1.10	
4/17/2021	68,980	1.50	0.50	
4/18/2021	68,720	1.46	0.50	
4/19/2021	139,710	1.46	1.00	
4/20/2021	72,190	1.47	0.70	
4/21/2021	145,850	1.47	1.10	
4/22/2021	74,740	1.51	0.60	
4/23/2021	145,050	1.46	1.10	
4/24/2021	67,380	1.45	0.50	
4/25/2021	69,390	1.44	0.50	
4/26/2021	147,860	1.45	1.20	
4/27/2021	75,660	1.46	0.70	
4/28/2021	157,490	1.43	1.10	
4/29/2021	152,810	1.49	1.20	
4/30/2021	72,720	1.55	0.60	
Sum	3,180,340		25.20	
Average	106,011	1.49	0.84	
Max		1.57		

Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

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cwarren@greateraugustautilitydistrict.org

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June 8, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for May, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

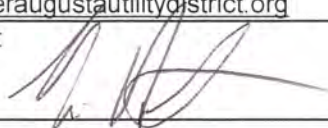
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1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

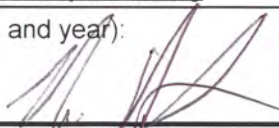
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period:	May, 2021		
Signature:		6/7/2021	

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station				Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.92	7.80	1.19	0.54	7.57	1.10	3	10		1.3	5.7	
2	0.92	7.81	1.19	0.75	7.57	1.10	2	11		1.8	8.0	
3	0.73	7.81	1.08	0.73	7.57	1.10	2	8		1.7	7.8	
4	0.97	7.80	1.03	0.59	7.58	1.09	3	11	50	1.4	6.3	50
5	0.97	7.80	1.13	0.58	7.58	1.09	3	11		1.4	6.2	
6	1.02	7.80	1.21	0.43	7.58	1.08	2	12		1.0	4.6	
7	0.97	7.80	1.25	0.57	7.58	1.08	3	11		1.4	6.1	50
8	0.96	7.80	1.24	0.59	7.58	1.09	3	11		1.4	6.4	
9	0.80	7.80	1.25	0.58	7.58	1.09	2	9		1.4	6.2	
10	1.15	7.80	1.25	0.46	7.58	1.08	3	13		1.1	5.0	
11	1.08	7.80	1.25	0.50	7.58	1.06	3	12	100	1.2	5.4	
12	1.08	7.80	1.24	0.58	7.58	1.07	3	12		1.4	6.3	
13	1.15	7.80	1.23	0.51	7.57	1.07	3	13		1.3	5.5	
14	1.30	7.80	1.26	0.58	7.57	1.07	3	14	50	1.3	6.3	50
15	1.13	7.80	1.26	0.50	7.57	1.06	3	12		1.2	5.3	
16	1.07	7.80	1.24	0.56	7.57	1.06	3	12		1.4	6.0	
17	1.55	7.80	1.25	0.28	7.56	1.05	4	17		0.7	3.3	
18	1.49	7.80	1.24	0.86	7.56	1.06	4	16		2.0	9.1	
19	2.56	7.81	1.24	0.45	7.56	1.02	7	28		1.1	4.8	
20	1.98	7.82	1.28	0.41	7.56	1.02	5	21		1.0	4.8	50
21	1.51	7.82	1.25	0.56	7.55	1.02	4	16	100	1.3	6.1	
22	1.73	7.84	1.20	0.19	7.55	0.99	4	18		0.5	2.2	
23	1.07	7.84	1.18	0.56	7.55	1.00	3	12		1.3	6.0	
24	1.25	7.84	1.10	0.61	7.55	1.01	3	12		1.5	6.4	
25	1.28	7.84	1.01	0.48	7.54	1.00	4	13	50	1.2	5.2	
26	1.80	7.84	1.29	0.43	7.54	1.03	5	21		1.0	4.6	50
27	1.09	7.85	1.32	0.68	7.54	1.09	3	13		1.6	7.0	
28	1.44	7.85	1.21	0.42	7.54	1.10	3	17	50	1.0	4.6	
29	0.93	7.85	1.32	0.61	7.54	1.12	3	11		1.5	6.5	
30	0.93	7.85	1.33	0.65	7.54	1.13	2	11		1.5	6.9	
31	0.93	7.85	1.34	0.62	7.54	1.12	3	11		1.5	6.5	
Summary	37.79	7.82	1.01	16.84	7.56	0.99	102	422	400	40	180	250
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
Chemical Name	Purpose	Chemical Strength	Total	Units
Calc Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	142	gallons
Hypo Sodium hypochlorite	primary and secondary disinfection	12.50%	602	gallons
NaF Sodium fluoride	fluoridation		650	pounds

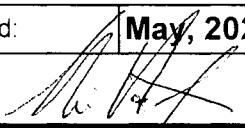
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.81

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		May, 2021	
Signature 		June 7, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.00	0.00	0.92	0.92	0.00	0.54	0.54	1.47
2	0.00	0.00	0.92	0.92	0.00	0.75	0.75	1.68
3	0.48	0.00	0.25	0.73	0.00	0.73	0.73	1.46
4	0.97	0.00	0.00	0.97	0.00	0.59	0.59	1.56
5	0.97	0.00	0.00	0.97	0.00	0.58	0.58	1.55
6	0.83	0.20	0.00	1.02	0.00	0.43	0.43	1.45
7	0.96	0.00	0.00	0.97	0.00	0.57	0.57	1.54
8	0.96	0.00	0.00	0.96	0.00	0.59	0.59	1.55
9	0.80	0.00	0.00	0.80	0.00	0.58	0.58	1.38
10	0.26	0.60	0.29	1.15	0.00	0.46	0.46	1.61
11	0.00	1.08	0.00	1.08	0.00	0.50	0.50	1.59
12	0.00	1.08	0.00	1.08	0.00	0.58	0.58	1.66
13	0.00	0.87	0.28	1.15	0.00	0.51	0.51	1.66
14	0.00	1.07	0.23	1.30	0.00	0.58	0.58	1.88
15	0.00	1.07	0.06	1.13	0.00	0.50	0.50	1.63
16	0.00	1.07	0.00	1.07	0.00	0.56	0.56	1.63
17	0.14	1.05	0.36	1.55	0.00	0.28	0.28	1.83
18	0.22	0.97	0.30	1.49	0.00	0.86	0.86	2.35
19	0.86	0.98	0.72	2.56	0.00	0.44	0.44	3.00
20	0.48	0.67	0.82	1.98	0.00	0.41	0.41	2.39
21	0.39	0.59	0.54	1.51	0.00	0.56	0.56	2.07
22	0.93	0.72	0.08	1.73	0.00	0.19	0.19	1.92
23	0.00	1.07	0.00	1.07	0.00	0.56	0.56	1.63
24	0.33	0.33	0.59	1.25	0.00	0.61	0.61	1.86
25	0.43	0.00	0.84	1.28	0.00	0.48	0.48	1.76
26	0.93	0.00	0.87	1.80	0.00	0.43	0.43	2.23
27	0.17	0.00	0.92	1.09	0.00	0.68	0.68	1.76
28	0.55	0.00	0.89	1.44	0.00	0.42	0.42	1.86
29	0.00	0.00	0.93	0.93	0.00	0.61	0.61	1.54
30	0.00	0.00	0.93	0.93	0.00	0.65	0.65	1.58
31	0.00	0.00	0.92	0.93	0.00	0.62	0.62	1.54
Sum	11.66	13.46	12.67	37.79	0.00	16.84	16.84	54.63

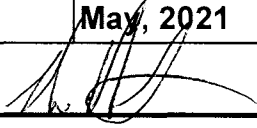
Percent Triangle 69%
Percent Riverside 31%

Average flow: 1.76

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period: May, 2021		Notes: See notes below for specific operating conditions.			
Signature: 		Date	GAUD mg/L	Location	HETL mg/L
6/7/2021		5/13/2021 11:00	0.70	Western Station	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.92	32	0.82	0.62
2	0.92	31	0.82	0.60
3	0.73	24	0.75	0.59
4	0.97	30	0.63	0.55
5	0.97	33	0.70	0.61
6	1.02	33	0.77	0.58
7	0.97	33	0.79	0.61
8	0.96	32	0.80	0.60
9	0.80	26	0.80	0.59
10	1.15	39	0.78	0.61
11	1.08	32	0.78	0.53
12	1.08	36	0.79	0.60
13	1.15	39	0.79	0.61
14	1.30	40	0.75	0.56
15	1.13	39	0.72	0.61
16	1.07	37	0.73	0.62
17	1.55	51	0.73	0.59
18	1.49	50	0.71	0.60
19	2.56	85	0.71	0.60
20	1.98	65	0.71	0.59
21	1.51	46	0.72	0.54
22	1.73	58	0.71	0.60
23	1.07	36	0.72	0.60
24	1.25	41	0.72	0.59
25	1.28	40	0.76	0.57
26	1.80	59	0.75	0.59
27	1.09	36	0.74	0.60
28	1.44	46	0.75	0.58
29	0.93	30	0.77	0.59
30	0.93	31	0.78	0.60
31	0.93	31	0.76	0.60
Avg	1.22	40.05	0.75	0.59
Min	0.73	24.12	0.63	0.53
Max	2.56	84.99	0.82	0.62
Total	37.79	1,241.67		

Operating comments

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: <u>Riverside Station</u>			
System Name:	Greater Augusta Utility District	Chemical Used: <u>Sodium fluoride</u>			
PWSID#: 90080					
Reporting period:	May, 2021	Notes: See notes below for specific operating conditions.			
Signature:		Date	GAUD mg/L	Location	HETL mg/L
	6/7/2021	5/13/2021 11:30	0.75	12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.54	20	0.75	0.67
2	0.75	28	0.75	0.67
3	0.73	27	0.74	0.67
4	0.59	22	0.74	0.68
5	0.58	22	0.75	0.67
6	0.43	16	0.76	0.68
7	0.57	21	0.76	0.68
8	0.59	22	0.76	0.67
9	0.58	22	0.76	0.67
10	0.46	17	0.76	0.68
11	0.50	19	0.76	0.68
12	0.58	22	0.77	0.67
13	0.51	19	0.76	0.68
14	0.58	22	0.76	0.67
15	0.50	19	0.76	0.68
16	0.56	21	0.75	0.67
17	0.28	11	0.74	0.70
18	0.86	32	0.71	0.68
19	0.45	17	0.72	0.67
20	0.41	16	0.66	0.68
21	0.56	21	0.65	0.68
22	0.19	7	0.65	0.69
23	0.56	21	0.65	0.67
24	0.61	23	0.67	0.67
25	0.48	18	0.68	0.68
26	0.43	16	0.66	0.67
27	0.68	25	0.70	0.67
28	0.42	16	0.75	0.68
29	0.61	23	0.76	0.67
30	0.65	24	0.77	0.67
31	0.62	23	0.78	0.68
Avg	0.54	20.38	0.73	0.68
Min	0.19	7.21	0.65	0.67
Max	0.86	32.13	0.78	0.70
Total	16.84	631.82		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: May, 2021

Reporting date: 6/7/2021

Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
5/1/2021	115,910	1.41	0.80	
5/2/2021	90,370	1.42	0.60	
5/3/2021	78,220	1.50	0.70	
5/4/2021	139,430	1.56	1.10	
5/5/2021	78,350	1.68	0.60	
5/6/2021	141,580	1.81	1.10	
5/7/2021	134,350	1.81	0.90	
5/8/2021	82,090	1.80	0.60	
5/9/2021	68,050	1.78	0.50	
5/10/2021	79,940	1.77	0.60	
5/11/2021	145,190	1.76	1.10	
5/12/2021	144,380	1.76	1.00	
5/13/2021	76,070	1.81	0.60	
5/14/2021	142,920	1.69	1.00	
5/15/2021	73,660	1.66	0.40	
5/16/2021	68,720	1.65	0.40	
5/17/2021	188,500	1.73	1.20	
5/18/2021	97,460	1.57	0.60	
5/19/2021	133,960	1.68	0.60	
5/20/2021	73,530	1.68	0.40	
5/21/2021	140,370	1.61	0.70	
5/22/2021	71,260	1.61	0.40	
5/23/2021	73,120	1.59	0.40	
5/24/2021	138,910	1.59	0.70	
5/25/2021	114,300	1.60	0.60	
5/26/2021	138,640	1.55	0.70	
5/27/2021	148,930	1.58	0.70	
5/28/2021	147,190	1.60	0.70	
5/29/2021	69,660	1.67	0.40	
5/30/2021	70,190	1.64	0.30	
5/31/2021	133,820	1.51	0.70	
Sum	-		21.10	
Average	109,647	1.65	0.68	
Max		1.81		

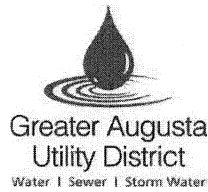
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July 8, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for June, 2021.

You should find the following documents:

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3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

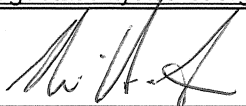
We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office and;
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

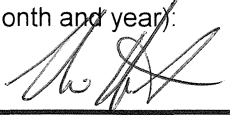
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026 btarbuck@greataugustautilitydistrict.org		
Reporting period:	June, 2021		
Signature:	 7/8/2021		

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station			Riverside Station			Average free chlorine residual	Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH		Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	1.09	7.85	1.19	0.59	7.54	1.12	2	13	100	1.4	6.3	
2	1.26	7.85	1.10	0.63	7.54	1.11	4	13		1.5	6.6	50
3	1.37	7.86	1.08	0.43	7.54	1.09	3	15		1.0	4.7	
4	1.28	7.87	1.10	0.58	7.54	1.08	4	14		1.4	6.3	
5	0.99	7.86	1.15	0.74	7.54	1.09	2	11		1.7	7.9	
6	1.42	7.87	1.07	0.53	7.54	1.07	4	15		1.3	5.6	
7	1.61	7.86	1.05	0.61	7.54	1.06	4	17		1.5	6.6	
8	1.51	7.86	1.12	0.56	7.53	1.05	4	16	100	1.3	6.0	
9	1.44	7.87	1.13	0.60	7.53	1.03	4	16		1.4	6.4	
10	1.53	7.88	1.12	0.48	7.54	1.03	4	16		1.1	5.1	
11	1.27	7.88	1.13	0.57	7.53	1.03	3	14	100	1.4	6.1	50
12	1.35	7.89	1.14	0.66	7.54	1.04	3	15		1.6	7.1	
13	1.41	7.89	1.13	0.48	7.53	1.03	4	16		1.1	5.1	
14	1.37	7.90	1.19	0.54	7.53	1.09	3	15		1.3	5.8	
15	1.29	7.90	1.24	0.50	7.53	1.11	4	15		1.2	5.3	
16	1.14	7.90	1.28	0.74	7.53	1.11	3	13		1.7	7.7	
17	1.46	7.90	1.23	0.66	7.53	1.10	4	16		1.6	6.9	
18	1.34	7.90	1.29	0.65	7.53	0.96	3	16		1.5	6.9	50
19	1.17	7.91	1.35	0.54	7.53	0.90	3	14		1.3	5.9	
20	1.24	7.91	1.33	0.50	7.53	0.94	4	14		1.2	5.7	
21	1.31	7.91	1.24	0.80	7.53	1.03	4	15	100	1.9	8.7	50
22	1.53	7.92	1.16	0.41	7.53	1.02	4	18		1.0	4.5	
23	1.24	7.93	1.18	0.60	7.53	0.99	3	14		1.4	6.4	
24	1.48	7.91	1.19	0.52	7.53	0.98	5	17		1.2	5.5	
25	1.27	7.92	1.23	0.59	7.53	0.97	4	15		1.4	6.1	
26	1.20	7.93	1.23	0.60	7.53	0.96	3	14		1.5	6.3	
27	0.96	7.93	1.24	0.69	7.53	0.95	3	12		1.6	7.2	
28	1.51	7.92	1.15	0.61	7.53	0.93	4	17	50	1.4	6.4	
29	2.07	7.91	1.16	0.48	7.52	0.94	6	22		1.1	5.3	
30	1.39	7.92	1.18	0.66	7.52	0.93	4	17		1.6	7.1	
Summary	40.53	7.89	1.05	17.54	7.53	0.90	110	458	450	42	187	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	151 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	644 gallons
NaF	Sodium fluoride	fluoridation		650 pounds

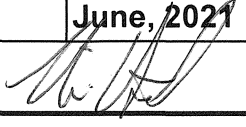
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.83

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		June, 2021	
Signature 		July 8, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.17	0.00	0.91	1.09	-	0.59	0.59	1.68
2	0.36	0.00	0.89	1.26	-	0.63	0.63	1.88
3	0.48	0.00	0.89	1.37	-	0.43	0.43	1.80
4	0.37	0.00	0.91	1.28	-	0.58	0.58	1.86
5	0.07	0.00	0.92	0.99	-	0.74	0.74	1.73
6	0.53	0.00	0.89	1.42	-	0.53	0.53	1.94
7	0.60	0.78	0.24	1.61	-	0.61	0.61	2.23
8	0.47	1.04	0.00	1.51	-	0.56	0.56	2.07
9	0.38	1.06	0.00	1.44	-	0.60	0.60	2.04
10	0.47	1.06	0.00	1.53	-	0.48	0.48	2.01
11	0.20	1.07	0.00	1.27	-	0.57	0.57	1.85
12	0.29	1.06	0.00	1.35	-	0.66	0.66	2.01
13	0.50	0.91	0.00	1.41	-	0.48	0.48	1.89
14	0.43	0.36	0.58	1.37	-	0.54	0.54	1.92
15	0.38	0.00	0.91	1.29	-	0.50	0.50	1.79
16	0.22	0.00	0.92	1.14	-	0.74	0.74	1.88
17	0.50	0.07	0.89	1.46	-	0.66	0.66	2.12
18	0.43	0.00	0.91	1.34	-	0.65	0.65	1.99
19	0.26	0.00	0.91	1.17	-	0.54	0.54	1.71
20	0.34	0.00	0.90	1.24	-	0.50	0.50	1.74
21	0.69	0.37	0.24	1.31	-	0.80	0.80	2.11
22	0.93	0.60	0.00	1.53	-	0.41	0.41	1.94
23	0.95	0.29	0.00	1.24	-	0.60	0.60	1.84
24	0.93	0.54	0.00	1.48	-	0.52	0.52	2.00
25	0.94	0.33	0.00	1.27	-	0.59	0.59	1.86
26	0.95	0.25	0.00	1.20	-	0.60	0.60	1.80
27	0.96	0.00	0.00	0.96	-	0.69	0.69	1.65
28	0.70	0.59	0.23	1.51	-	0.61	0.61	2.12
29	0.49	1.02	0.56	2.07	-	0.48	0.48	2.55
30	0.32	0.92	0.15	1.39	-	0.66	0.66	2.05
Sum	15.31	12.36	12.85	40.53	0.00	17.54	17.54	58.07

Percent Triangle 70%
Percent Riverside 30%

Average flow: 1.94

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Riverside Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080			
Reporting period:	June, 2021	Notes: See notes below for specific operating conditions.	
Signature:	 7/8/2021	Date	GAUD mg/L
		6/11/2021 13:10	0.60
		Location	HETL mg/L
		12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.59	22	0.77	0.67
2	0.63	24	0.77	0.68
3	0.43	16	0.76	0.68
4	0.58	22	0.76	0.68
5	0.74	28	0.75	0.68
6	0.53	20	0.73	0.68
7	0.61	23	0.71	0.68
8	0.56	21	0.70	0.67
9	0.60	23	0.68	0.67
10	0.48	18	0.77	0.67
11	0.57	21	0.80	0.68
12	0.66	25	0.79	0.67
13	0.48	18	0.79	0.68
14	0.54	20	0.78	0.67
15	0.50	19	0.77	0.68
16	0.74	28	0.67	0.67
17	0.66	25	0.60	0.68
18	0.65	24	0.64	0.67
19	0.54	20	0.66	0.67
20	0.50	19	0.67	0.68
21	0.80	30	0.67	0.68
22	0.41	16	0.71	0.69
23	0.60	23	0.76	0.69
24	0.52	20	0.78	0.68
25	0.59	23	0.78	0.69
26	0.60	23	0.77	0.69
27	0.69	27	0.75	0.69
28	0.61	23	0.72	0.69
29	0.48	19	0.70	0.69
30	0.66	25	0.67	0.69
Avg	0.58	22.08	0.73	0.68
Min	0.41	15.71	0.60	0.67
Max	0.80	30.33	0.80	0.69
Total	17.54	662.44		

Operating comments

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Triangle Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080			
Reporting period:	June, 2021	Notes: See notes below for specific operating conditions.	
Signature:	7/8/2021	Date	GAUD mg/L
		6/11/2021 13:10	0.65
		Location	HETL mg/L
		Western Station	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.09	31	0.73	0.52
2	1.26	39	0.71	0.56
3	1.37	44	0.71	0.58
4	1.28	41	0.70	0.57
5	0.99	31	0.70	0.56
6	1.42	45	0.69	0.57
7	1.61	51	0.68	0.57
8	1.51	44	0.68	0.53
9	1.44	46	0.69	0.58
10	1.53	49	0.73	0.57
11	1.27	40	0.73	0.56
12	1.35	42	0.73	0.57
13	1.41	45	0.72	0.57
14	1.37	39	0.75	0.52
15	1.29	42	0.73	0.58
16	1.14	37	0.74	0.58
17	1.46	47	0.74	0.58
18	1.34	43	0.69	0.57
19	1.17	38	0.66	0.58
20	1.24	40	0.65	0.58
21	1.31	37	0.64	0.51
22	1.53	49	0.67	0.57
23	1.24	41	0.69	0.59
24	1.48	49	0.64	0.60
25	1.27	42	0.70	0.59
26	1.20	42	0.72	0.63
27	0.96	32	0.68	0.60
28	1.51	45	0.64	0.54
29	2.07	70	0.67	0.61
30	1.39	45	0.68	0.58
Avg	1.35	42.84	0.70	0.57
Min	0.96	30.84	0.64	0.51
Max	2.07	70.30	0.75	0.63
Total	40.53	1,285.19		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: June, 2021

Reporting date: 7/8/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
6/1/2021	75,930	1.60	0.40	
6/2/2021	139,180	1.56	0.70	
6/3/2021	146,650	1.57	0.70	
6/4/2021	75,540	1.58	0.40	
6/5/2021	143,180	1.55	0.70	
6/6/2021	70,190	1.52	0.40	
6/7/2021	146,790	1.48	0.80	
6/8/2021	161,630	1.49	0.80	
6/9/2021	262,430	1.08	0.60	
6/10/2021	70,050	1.31	0.20	
6/11/2021	152,280	1.45	0.80	
6/12/2021	70,450	1.47	0.40	
6/13/2021	67,250	1.50	0.30	
6/14/2021	147,860	1.51	0.80	
6/15/2021	135,560	1.56	0.70	
6/16/2021	73,130	1.62	0.40	
6/17/2021	140,910	1.65	0.80	
6/18/2021	152,810	1.53	0.90	
6/19/2021	62,290	1.52	0.30	
6/20/2021	71,530	1.50	0.40	
6/21/2021	125,670	1.48	0.70	
6/22/2021	138,100	1.51	0.80	
6/23/2021	138,770	1.51	0.80	
6/24/2021	138,900	1.50	0.80	
6/25/2021	135,560	1.51	0.80	
6/26/2021	135,570	1.47	0.80	
6/27/2021	66,310	1.42	0.30	
6/28/2021	170,720	1.41	1.00	
6/29/2021	135,160	1.42	0.90	
6/30/2021	156,280	1.42	0.90	
Sum	3,706,680		19.30	
Average	123,556	1.49	0.64	
Max		1.65		

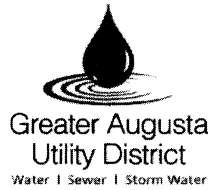
Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

Charlotte Warren, Hallowell voting member
cwarren@greateraugustautilitydistrict.org

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Keith Luke, Augusta ex-officio member
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Cary Colwell, Hallowell ex-officio member
ccolwell@greateraugustautilitydistrict.org

August 3, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for July, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

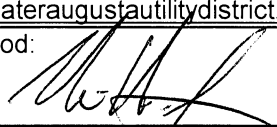
We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office; and
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

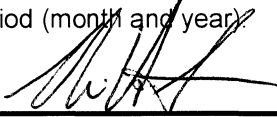
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name	Brian Tarbuck		
and ME License #:	2026		
btarbuck@greateraugustautilitydistrict.org			
Reporting period:	July, 2021		
Signature:		8/3/2021	

	Water production, pH and free chlorine residual						Chemical usage					
	Triangle Station			Riverside Station			Triangle Station			Riverside Station		
Date	Gallons	pH	Average free chlorine residual	Gallons	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
	(MGD)			(MGD)			gal	gal	lbs	gal	gal	lbs
1	1.61	7.94	1.19	0.72	7.53	0.94	4	18		1.7	7.5	
2	1.28	7.94	1.23	0.38	7.53	0.97	4	15	50	0.9	4.1	50
3	0.96	7.95	1.27	0.62	7.53	0.99	2	12		1.5	6.6	
4	0.96	7.95	1.27	0.61	7.53	1.00	3	12		1.4	6.5	
5	0.96	7.95	1.26	0.52	7.53	1.00	3	12		1.3	5.6	
6	1.21	7.95	1.24	0.54	7.53	1.00	4	14		1.2	5.9	
7	1.23	7.95	1.32	0.70	7.53	1.02	3	15		1.7	7.8	
8	1.13	7.95	1.36	0.61	7.53	1.02	3	14		1.4	7.0	
9	1.26	7.95	1.35	0.66	7.53	1.03	3	15		1.6	7.4	
10	1.07	7.96	1.39	0.57	7.53	1.02	3	14		1.4	6.4	
11	1.13	7.95	1.37	0.47	7.53	1.00	4	14		1.1	5.3	
12	1.51	7.95	1.31	0.55	7.53	0.80	4	18	100	1.3	6.3	
13	1.14	7.94	1.27	0.66	7.53	1.17	3	14		1.6	7.0	
14	1.36	7.95	1.05	0.53	7.53	1.13	3	16		1.2	5.5	
15	1.35	7.95	1.16	0.44	7.53	1.12	4	16		1.1	4.8	50
16	1.16	7.96	1.27	0.70	7.53	1.12	3	14	100	1.6	7.3	
17	1.08	7.95	1.30	0.76	7.54	1.10	3	14		1.8	7.8	
18	1.08	7.95	1.29	0.56	7.54	1.10	3	13		1.4	5.8	
19	1.01	7.96	1.28	0.76	7.53	1.10	3	13		1.8	7.9	
20	1.24	7.97	1.28	0.59	7.53	1.09	3	15		1.4	6.2	50
21	1.06	7.96	1.21	0.68	7.53	0.98	3	13		1.6	7.0	
22	0.97	7.98	1.21	0.75	7.53	0.93	3	12		1.7	7.8	
23	0.96	7.97	1.24	0.76	7.51	0.88	3	12		1.8	8.0	
24	1.17	7.97	1.23	0.47	7.50	0.84	3	14		1.1	5.0	
25	0.97	7.97	1.24	0.68	7.50	0.85	3	12		1.5	7.2	
26	1.27	7.98	1.22	0.45	7.50	0.97	3	15	100	1.1	5.0	100
27	1.19	7.96	1.30	0.78	7.49	1.05	4	15		1.8	8.3	
28	1.37	7.97	1.28	0.52	7.49	1.03	3	16		1.2	5.7	
29	1.25	7.97	1.31	0.52	7.49	1.05	4	15		1.2	5.6	
30	0.94	7.98	1.37	0.72	7.49	1.06	3	12		1.7	7.6	
31	0.93	7.99	1.38	0.86	7.50	1.05	2	12		1.9	9.1	
Summary	35.80	7.96	1.05	19.17	7.52	0.80	100	439	350	45	204	250
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
Chemical Name	Purpose	Chemical Strength	Total	Units
Calc Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	145	gallons
Hypo Sodium hypochlorite	primary and secondary disinfection	12.50%	643	gallons
NaF Sodium fluoride	fluoridation		600	pounds

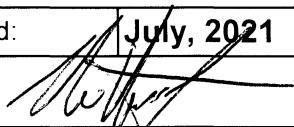
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.80

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year)		July, 2021	
Signature 		August 3, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.63	0.87	0.11	1.61	0.00	0.72	0.72	2.33
2	0.94	0.34	0.00	1.28	0.00	0.38	0.38	1.66
3	0.96	0.00	0.00	0.96	0.00	0.62	0.62	1.58
4	0.95	0.00	0.00	0.96	0.00	0.61	0.61	1.57
5	0.95	0.00	0.00	0.96	0.00	0.52	0.52	1.48
6	0.25	0.42	0.54	1.21	0.00	0.54	0.54	1.76
7	0.00	0.31	0.91	1.23	0.00	0.70	0.70	1.92
8	0.00	0.21	0.93	1.13	0.00	0.61	0.61	1.74
9	0.00	0.35	0.91	1.26	0.00	0.66	0.66	1.91
10	0.00	0.14	0.92	1.07	0.00	0.57	0.57	1.64
11	0.00	0.22	0.91	1.13	0.00	0.47	0.47	1.61
12	0.00	0.62	0.89	1.51	0.00	0.55	0.55	2.07
13	0.00	0.22	0.92	1.14	0.00	0.66	0.66	1.79
14	0.25	0.88	0.23	1.36	0.00	0.53	0.53	1.89
15	0.29	1.05	0.00	1.35	0.00	0.44	0.44	1.79
16	0.08	1.08	0.00	1.16	0.00	0.70	0.70	1.86
17	0.00	1.08	0.00	1.08	0.00	0.76	0.76	1.84
18	0.00	1.08	0.00	1.08	0.00	0.56	0.56	1.64
19	0.43	0.58	0.00	1.01	0.00	0.76	0.76	1.78
20	0.96	0.00	0.28	1.24	0.00	0.59	0.59	1.83
21	0.96	0.00	0.09	1.06	0.00	0.68	0.68	1.74
22	0.96	0.00	0.00	0.97	0.00	0.75	0.75	1.72
23	0.96	0.00	0.00	0.96	0.00	0.76	0.76	1.73
24	0.95	0.00	0.22	1.17	0.00	0.47	0.47	1.64
25	0.96	0.00	0.00	0.97	0.00	0.68	0.68	1.65
26	0.30	0.41	0.56	1.27	0.00	0.45	0.45	1.72
27	0.00	0.27	0.92	1.19	0.00	0.78	0.78	1.98
28	0.00	0.47	0.90	1.37	0.00	0.52	0.52	1.90
29	0.00	0.35	0.91	1.25	0.00	0.52	0.52	1.77
30	0.00	0.00	0.93	0.94	0.00	0.72	0.72	1.65
31	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1.79
Sum	11.79	10.97	13.04	35.80	0.00	19.17	19.17	54.97

Percent Triangle 65%
Percent Riverside 35%

Average flow: 1.77

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080		Notes: See notes below for specific operating conditions.			
Reporting period: July, 2021		Date	GAUD mg/L	Location	HETL mg/L
Signature:  8/3/2021		7/9/2021 11:10	0.80	Western Station	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.61	53	0.74	0.60
2	1.28	41	0.83	0.57
3	0.96	33	0.88	0.62
4	0.96	31	0.89	0.58
5	0.96	32	0.88	0.60
6	1.21	42	0.84	0.62
7	1.23	41	0.82	0.60
8	1.13	39	0.86	0.61
9	1.26	42	0.80	0.60
10	1.07	36	0.75	0.61
11	1.13	38	0.75	0.61
12	1.51	46	0.75	0.55
13	1.14	38	0.76	0.61
14	1.36	44	0.73	0.59
15	1.35	45	0.70	0.60
16	1.16	36	0.67	0.56
17	1.08	36	0.70	0.61
18	1.08	35	0.72	0.59
19	1.01	35	0.72	0.62
20	1.24	41	0.74	0.59
21	1.06	36	0.73	0.62
22	0.97	32	0.74	0.59
23	0.96	33	0.76	0.61
24	1.17	39	0.77	0.59
25	0.97	32	0.76	0.60
26	1.27	38	0.73	0.54
27	1.19	39	0.78	0.59
28	1.37	44	0.78	0.58
29	1.25	40	0.71	0.58
30	0.94	30	0.71	0.58
31	0.93	30	0.73	0.59
Avg	1.15	38.01	0.76	0.59
Min	0.93	30.02	0.67	0.54
Max	1.61	53.35	0.89	0.62
Total	35.80	1,178.19		

Operating comments

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Riverside Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period:	July, 2021	Notes: See notes below for specific operating conditions.			
Signature: 	8/3/2021	Date	GAUD mg/L	Location	HETL mg/L
		7/9/2021 13:30	0.70	12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.72	28	0.71	0.69
2	0.38	15	0.76	0.70
3	0.62	24	0.86	0.69
4	0.61	24	0.90	0.69
5	0.52	20	0.91	0.70
6	0.54	21	0.79	0.69
7	0.70	27	0.63	0.69
8	0.61	24	0.68	0.70
9	0.66	25	0.74	0.69
10	0.57	22	0.81	0.70
11	0.47	18	0.78	0.69
12	0.55	21	0.75	0.69
13	0.66	25	0.72	0.69
14	0.53	20	0.63	0.68
15	0.44	17	0.67	0.69
16	0.70	27	0.80	0.69
17	0.76	29	0.85	0.69
18	0.56	22	0.83	0.69
19	0.76	29	0.75	0.69
20	0.59	23	0.73	0.69
21	0.68	26	0.79	0.69
22	0.75	29	0.83	0.69
23	0.76	29	0.69	0.69
24	0.47	18	0.54	0.70
25	0.68	26	0.50	0.69
26	0.45	19	0.58	0.73
27	0.78	32	0.74	0.73
28	0.52	21	0.81	0.70
29	0.52	21	0.82	0.71
30	0.72	28	0.81	0.71
31	0.86	34	0.78	0.71
Avg	0.62	23.97	0.75	0.70
Min	0.38	14.91	0.50	0.68
Max	0.86	33.54	0.91	0.73
Total	19.17	742.93		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: July, 2021

Reporting date: 8/3/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
7/1/2021	154,683	1.40	0.90	
7/2/2021	78,742	1.14	0.50	
7/3/2021	85,023	1.14	0.30	
7/4/2021	129,414	1.18	0.50	
7/5/2021	66,711	1.37	0.40	
7/6/2021	131,148	1.40	0.90	
7/7/2021	102,008	1.52	0.70	
7/8/2021	142,914	1.51	1.00	
7/9/2021	143,453	1.52	1.00	
7/10/2021	65,906	1.17	0.10	
7/11/2021	70,453	0.57	0.00	
7/12/2021	152,945	0.86	0.00	
7/13/2021	143,844	1.52	1.00	
7/14/2021	145,992	1.56	1.10	
7/15/2021	150,133	1.52	1.10	
7/16/2021	75,805	1.51	0.50	
7/17/2021	137,563	1.44	0.70	
7/18/2021	67,648	1.42	0.50	
7/19/2021	147,594	1.43	1.00	
7/20/2021	119,656	1.42	1.00	
7/21/2021	85,695	1.46	0.60	
7/22/2021	144,914	1.45	1.10	
7/23/2021	71,258	1.33	0.50	
7/24/2021	69,523	1.25	0.50	
7/25/2021	140,375	1.37	0.90	
7/26/2021	83,422	1.17	0.50	
7/27/2021	125,133	1.04	0.90	
7/28/2021	144,383	0.97	1.00	
7/29/2021	73,266	1.01	0.70	
7/30/2021	70,047	1.00	0.90	
7/31/2021	63,102	0.96	0.80	
Sum	3,382,753		21.60	
Average	109,121	1.28	0.70	
Max		1.56		

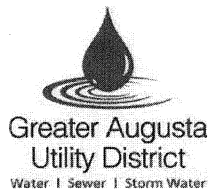
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kknight@greateraugustautilitydistrict.org

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September 7, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for August, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

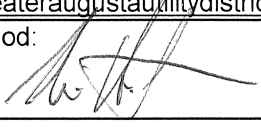
We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office; and
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

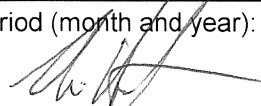
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026 btarbuck@greataugustautilitydistrict.org		
Reporting period:	August, 2021		
Signature:		9/7/2021	

	Water production, pH and free chlorine residual						Chemical usage					
	Triangle Station			Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.93	7.98	1.38	0.73	7.49	1.04	3	12		1.7	7.9	
2	1.26	7.97	1.23	0.57	7.49	0.98	4	15		1.4	6.2	
3	1.33	7.98	1.05	0.45	7.49	0.96	3	16	100	1.0	5.0	
4	1.07	7.97	1.12	0.76	7.50	0.75	3	13		1.8	8.8	50
5	1.28	7.98	1.08	0.50	7.50	0.93	4	16		1.1	6.0	
6	1.51	7.98	1.05	0.40	7.50	0.98	3	16		1.0	5.0	
7	1.11	7.97	1.06	0.51	7.49	0.96	4	13		1.2	5.9	
8	1.30	7.97	1.03	0.66	7.49	0.86	4	15		1.5	8.1	
9	1.34	7.98	1.11	0.49	7.49	0.89	3	15		1.2	5.8	
10	1.45	7.99	1.26	0.53	7.49	0.97	4	17		1.2	6.9	
11	1.34	7.99	1.26	0.45	7.49	1.12	4	16		1.1	5.8	
12	1.53	7.98	1.15	0.36	7.49	1.10	4	17	100	0.9	4.9	
13	1.45	7.98	1.21	0.62	7.51	1.15	4	17		1.4	8.1	
14	1.41	7.98	1.20	0.40	7.52	1.15	3	16		1.0	5.3	
15	1.15	8.00	1.24	0.56	7.52	1.15	4	14		1.3	7.4	
16	1.52	7.99	1.12	0.40	7.51	1.11	4	17		1.0	5.3	50
17	1.37	7.98	1.09	0.60	7.49	1.07	3	16		1.4	7.9	
18	1.22	7.97	1.09	0.39	7.48	1.05	4	14		0.9	5.1	
19	1.76	7.96	1.03	0.00	7.47	0.95	5	20	100	0.0	0.2	
20	1.73	7.98	1.14	0.36	7.47	1.03	5	20		0.8	4.9	
21	0.97	7.96	1.29	0.55	7.48	1.17	3	11		1.3	7.3	
22	0.97	7.98	1.27	0.69	7.48	1.16	2	12		1.6	9.2	
23	1.13	7.98	1.23	0.67	7.48	1.15	4	14		1.6	9.1	50
24	1.33	7.96	1.17	0.48	7.48	1.12	3	15		1.1	6.6	
25	1.34	7.96	1.13	0.51	7.48	1.12	4	15		1.2	6.6	
26	1.20	7.95	1.01	0.61	7.47	1.12	3	14	100	1.5	7.8	
27	1.45	7.96	1.02	0.53	7.47	1.10	4	17		1.2	6.7	
28	1.07	7.97	1.04	0.69	7.48	1.10	3	13		1.6	8.4	
29	1.07	7.98	1.04	0.56	7.48	1.10	3	13		1.3	7.1	
30	1.03	7.99	1.00	0.77	7.48	1.10	2	12		1.8	9.7	50
31	1.16	7.98	1.00	0.61	7.48	1.07	4	14		1.4	7.4	
Summary	39.81	7.98	1.00	16.42	7.49	0.75	111	468	400	39	206	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)					
	Chemical Name	Purpose	Chemical Strength	Total	Units
Calc	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	149	gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	674	gallons
NaF	Sodium fluoride	fluoridation		600	pounds

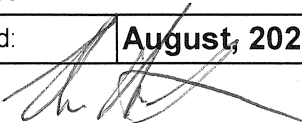
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.76

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period (month and year):		August, 2021	
Signature 		September 7, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.00	0.00	0.93	0.93	0.00	0.75	0.75	1.68
2	0.27	0.64	0.36	1.26	0.00	0.59	0.59	1.85
3	0.28	1.06	0.00	1.33	0.00	0.46	0.46	1.79
4	0.00	1.07	0.00	1.07	0.00	0.78	0.78	1.85
5	0.22	1.06	0.00	1.28	0.00	0.51	0.51	1.79
6	0.47	1.04	0.00	1.51	0.00	0.42	0.42	1.92
7	0.05	1.06	0.00	1.11	0.00	0.52	0.52	1.63
8	0.24	1.06	0.00	1.30	0.00	0.68	0.68	1.98
9	0.51	0.29	0.54	1.34	0.00	0.51	0.51	1.84
10	0.50	0.05	0.90	1.45	0.00	0.54	0.54	1.99
11	0.43	0.00	0.91	1.34	0.00	0.46	0.46	1.80
12	0.49	0.37	0.67	1.53	0.00	0.38	0.38	1.91
13	0.54	0.00	0.90	1.45	0.00	0.64	0.64	2.09
14	0.51	0.00	0.90	1.41	0.00	0.41	0.41	1.82
15	0.23	0.00	0.92	1.15	0.00	0.58	0.58	1.73
16	0.68	0.52	0.33	1.52	0.00	0.41	0.41	1.94
17	0.81	0.56	0.00	1.37	0.00	0.62	0.62	2.00
18	0.93	0.29	0.00	1.22	0.00	0.39	0.39	1.62
19	0.94	0.83	0.00	1.76	0.00	0.00	0.00	1.77
20	0.93	0.80	0.00	1.73	0.00	0.37	0.37	2.10
21	0.97	0.00	0.00	0.97	0.00	0.56	0.56	1.54
22	0.97	0.00	0.00	0.97	0.00	0.71	0.71	1.68
23	0.95	0.17	0.00	1.13	0.00	0.69	0.69	1.82
24	0.24	0.70	0.39	1.33	0.00	0.50	0.50	1.82
25	0.00	0.87	0.47	1.34	0.00	0.53	0.53	1.86
26	0.25	0.82	0.14	1.20	0.00	0.63	0.63	1.83
27	0.01	1.06	0.38	1.45	0.00	0.55	0.55	2.00
28	0.00	1.07	0.00	1.07	0.00	0.71	0.71	1.78
29	0.00	1.07	0.00	1.07	0.00	0.57	0.57	1.65
30	0.53	0.27	0.23	1.03	0.00	0.79	0.79	1.83
31	0.96	0.00	0.20	1.16	0.00	0.63	0.63	1.79
Sum	13.90	16.74	9.17	39.81	0.00	16.91	16.91	56.72

Percent Triangle 70%
Percent Riverside 30%

Average flow: 1.83

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period: August, 2021		Notes: See notes below for specific operating conditions.			
Signature: 		Date	GAUD mg/L	Location	HETL mg/L
9/7/2021		8/12/2021 8:55	0.63	Western Station	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.93	30	0.73	0.58
2	1.26	40	0.68	0.57
3	1.33	39	0.66	0.53
4	1.07	34	0.64	0.58
5	1.28	41	0.73	0.57
6	1.51	44	0.81	0.53
7	1.11	36	0.80	0.58
8	1.30	41	0.77	0.57
9	1.34	42	0.80	0.57
10	1.45	47	0.79	0.59
11	1.34	44	0.80	0.59
12	1.53	45	0.75	0.53
13	1.45	46	0.75	0.57
14	1.41	45	0.78	0.58
15	1.15	37	0.82	0.58
16	1.52	50	0.80	0.59
17	1.37	44	0.82	0.58
18	1.22	39	0.76	0.57
19	1.76	52	0.72	0.53
20	1.73	55	0.74	0.58
21	0.97	31	0.83	0.58
22	0.97	32	0.87	0.60
23	1.13	36	0.86	0.57
24	1.33	43	0.79	0.59
25	1.34	43	0.77	0.58
26	1.20	34	0.75	0.50
27	1.45	47	0.76	0.58
28	1.07	34	0.79	0.56
29	1.07	35	0.78	0.58
30	1.03	34	0.79	0.60
31	1.16	37	0.77	0.58
Avg	1.28	40.60	0.77	0.57
Min	0.93	30.20	0.64	0.50
Max	1.76	55.43	0.87	0.60
Total	39.81	1,258.49		

Operating comments

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Riverside Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period:	August, 2021	Notes: See notes below for specific operating conditions.			
Signature:	9/7/2021	Date	GAUD mg/L	Location	HETL mg/L
		8/12/2021 12:35	0.72	12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.75	29	0.78	0.68
2	0.59	23	0.77	0.69
3	0.46	18	0.71	0.69
4	0.78	30	0.70	0.68
5	0.51	20	0.72	0.69
6	0.42	16	0.72	0.69
7	0.52	20	0.70	0.68
8	0.68	26	0.70	0.69
9	0.51	19	0.75	0.69
10	0.54	21	0.79	0.68
11	0.46	18	0.77	0.69
12	0.38	14	0.75	0.69
13	0.64	25	0.77	0.69
14	0.41	16	0.78	0.69
15	0.58	22	0.73	0.68
16	0.41	16	0.62	0.69
17	0.62	24	0.67	0.69
18	0.39	15	0.78	0.69
19	0.00	0	0.74	
20	0.37	14	0.73	0.70
21	0.56	22	0.76	0.69
22	0.71	27	0.77	0.68
23	0.69	26	0.78	0.69
24	0.50	19	0.78	0.69
25	0.53	20	0.78	0.69
26	0.63	24	0.78	0.69
27	0.55	21	0.79	0.69
28	0.71	27	0.82	0.69
29	0.57	22	0.81	0.69
30	0.79	30	0.77	0.69
31	0.63	24	0.83	0.69
Avg	0.55	20.84	0.75	0.69
Min	0.00	0.30	0.62	0.68
Max	0.79	30.33	0.83	0.70
Total	16.91	645.93		

Operating comments

Station offline today.

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: August, 2021

Reporting date: 9/7/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
8/1/2021	63,637	0.94	0.80	
8/2/2021	129,140	1.25	1.30	
8/3/2021	72,870	1.57	0.40	
8/4/2021	138,900	1.64	1.00	
8/5/2021	73,000	1.69	0.30	
8/6/2021	71,250	1.63	0.50	
8/7/2021	70,730	1.51	0.00	
8/8/2021	112,430	1.63	0.40	
8/9/2021	82,220	1.63	0.50	
8/10/2021	154,680	1.59	1.00	
8/11/2021	71,650	1.66	0.50	
8/12/2021	130,880	1.70	0.80	
8/13/2021	131,290	1.82	0.90	
8/14/2021	90,780	1.88	0.60	
8/15/2021	66,310	1.86	0.50	
8/16/2021	76,870	1.71	0.40	
8/17/2021	138,100	1.71	0.90	
8/18/2021	142,250	1.74	1.00	
8/19/2021	104,540	1.70	0.60	
8/20/2021	114,970	1.77	0.70	
8/21/2021	67,110	1.79	0.40	
8/22/2021	65,380	1.87	0.40	
8/23/2021	144,120	1.60	1.00	
8/24/2021	115,500	1.67	0.90	
8/25/2021	144,120	1.75	1.00	
8/26/2021	69,920	1.97	0.50	
8/27/2021	93,850	1.89	0.60	
8/28/2021	121,130	1.86	0.90	
8/29/2021	64,170	1.87	0.40	
8/30/2021	60,420	2.00	0.40	
8/31/2021	135,430	1.40	0.80	
Sum	3,117,647		20.40	
Average	100,569	1.69	0.66	
Max		2.00		

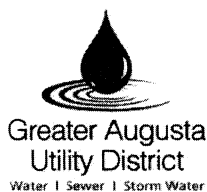
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Keith Luke, Augusta ex-officio member
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Cary Colwell, Hallowell ex-officio member
ccolwell@greateraugustautilitydistrict.org

October 7, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for September, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

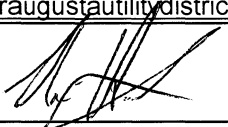
We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office; and
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

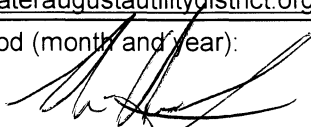
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period:	September, 2021		
Signature:		10/7/2021	

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station				Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	1.22	7.98	1.07	0.49	7.49	1.10	3	14	100	1.2	6.0	
2	1.23	7.99	1.13	0.53	7.49	1.10	4	15		1.2	6.4	
3	0.97	7.99	1.16	0.67	7.49	1.10	3	12		1.6	8.2	
4	0.97	7.99	1.18	0.65	7.49	1.10	3	12		1.5	8.0	
5	0.96	8.00	1.17	0.55	7.49	1.09	3	12		1.3	6.7	
6	0.96	8.00	1.14	0.63	7.10	1.02	2	12		1.4	7.7	
7	1.02	7.99	1.10	0.66	7.50	1.02	3	12		1.5	8.5	
8	1.07	7.98	1.15	0.71	7.50	1.00	3	13		1.7	9.1	
9	1.07	8.00	1.19	0.64	7.49	0.98	3	13		1.4	7.9	50
10	1.08	7.37	1.14	0.54	7.49	0.97	3	13		1.3	6.5	
11	0.95	6.91	1.06	0.78	7.50	0.97	3	12		1.8	9.4	
12	0.98	6.95	1.02	0.55	7.50	0.95	2	12		1.3	6.5	
13	0.98	7.25	1.11	0.71	7.50	0.95	3	12		1.7	8.7	
14	0.97	7.62	1.18	0.65	7.50	1.01	3	12		1.5	8.5	50
15	1.16	7.60	1.18	0.46	7.51	1.08	4	14		1.1	6.2	
16	0.97	7.59	1.17	0.76	7.50	1.08	2	12		1.7	10.5	
17	0.97	7.55	1.17	0.67	7.51	1.07	3	12	100	1.6	9.1	
18	1.17	7.48	1.14	0.57	7.51	1.07	4	13		1.2	7.9	
19	0.96	7.41	1.15	0.51	7.51	1.07	2	12		1.2	7.2	
20	1.26	7.38	1.16	0.55	7.51	1.07	4	15		1.3	7.7	
21	0.94	7.30	1.20	0.69	7.50	1.06	2	12		1.7	9.5	50
22	0.94	7.28	1.11	0.86	7.51	1.08	3	12		1.9	11.7	
23	1.18	7.22	1.10	0.67	7.51	1.15	2	14	100	1.6	9.4	
24	1.37	7.15	1.13	0.51	7.51	1.26	4	16		1.2	7.2	
25	0.99	7.10	1.23	0.73	7.20	1.28	3	13		1.6	9.9	
26	1.04	7.09	1.21	0.60	7.51	1.28	2	13		1.4	8.4	
27	1.43	7.09	1.18	0.34	7.51	1.28	4	17		0.8	5.0	
28	1.67	7.05	1.27	0.70	7.51	1.23	5	19		1.7	9.7	
29	2.20	6.98	1.23	0.45	7.51	1.15	6	26		1.0	6.3	
30	1.80	6.94	1.26	0.33	7.51	1.20	5	21	100	0.8	4.9	50
Summary	34.47	7.47	1.02	18.15	7.48	0.95	96	420	400	42	238	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
Chemical Name	Purpose	Chemical Strength	Total	Units
Calc Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	139	gallons
Hypo Sodium hypochlorite	primary and secondary disinfection	12.50%	657	gallons
NaF Sodium fluoride	fluoridation		600	pounds

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.82

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		September, 2021	
Signature 		October 7, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.95	0.00	0.27	1.22	0.00	0.49	0.49	1.71
2	0.95	0.00	0.28	1.23	0.00	0.53	0.53	1.76
3	0.96	0.00	0.00	0.97	0.00	0.67	0.67	1.64
4	0.96	0.00	0.00	0.97	0.00	0.65	0.65	1.62
5	0.96	0.00	0.00	0.96	0.00	0.55	0.55	1.51
6	0.96	0.00	0.00	0.96	0.00	0.63	0.63	1.59
7	0.36	0.66	0.00	1.02	0.00	0.66	0.66	1.68
8	0.00	1.07	0.00	1.07	0.00	0.71	0.71	1.78
9	0.00	1.07	0.00	1.07	0.00	0.64	0.64	1.71
10	0.00	1.08	0.00	1.08	0.00	0.54	0.54	1.61
11	0.64	0.31	0.00	0.95	0.00	0.78	0.78	1.73
12	0.97	0.00	0.00	0.98	0.00	0.55	0.55	1.53
13	0.97	0.00	0.00	0.98	0.00	0.71	0.71	1.68
14	0.96	0.00	0.00	0.97	0.00	0.65	0.65	1.62
15	0.95	0.00	0.21	1.16	0.00	0.46	0.46	1.62
16	0.97	0.00	0.00	0.97	0.00	0.76	0.76	1.73
17	0.96	0.00	0.00	0.97	0.00	0.67	0.67	1.64
18	0.95	0.00	0.22	1.17	0.00	0.56	0.56	1.74
19	0.96	0.00	0.00	0.96	0.00	0.51	0.51	1.47
20	0.26	0.35	0.66	1.26	0.00	0.55	0.55	1.81
21	0.00	0.00	0.94	0.94	0.00	0.69	0.69	1.63
22	0.00	0.00	0.94	0.94	0.00	0.86	0.86	1.79
23	0.00	0.27	0.91	1.18	0.00	0.67	0.67	1.86
24	0.00	0.51	0.86	1.37	0.00	0.51	0.51	1.88
25	0.00	0.07	0.92	0.99	0.00	0.73	0.73	1.72
26	0.00	0.12	0.92	1.04	0.00	0.60	0.60	1.64
27	0.15	0.38	0.90	1.43	0.00	0.34	0.34	1.77
28	0.74	0.56	0.37	1.67	0.00	0.70	0.70	2.37
29	0.89	1.00	0.31	2.20	0.00	0.45	0.45	2.65
30	0.69	1.04	0.06	1.80	0.00	0.33	0.33	2.12
Sum	17.15	8.54	8.78	34.47	0.00	18.14	18.14	52.61

Percent Triangle 66%
Percent Riverside 34%

Average flow: 1.75

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period:	September, 2021	Notes: See notes below for specific operating conditions.			
Signature:	10/7/2021	Date	GAUD mg/L	Location	HETL mg/L
		9/22/2021 11:03	n/a	Western Station	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.22	36	0.75	0.53
2	1.23	40	0.75	0.59
3	0.97	25	0.78	0.48
4	0.97	32	0.77	0.60
5	0.96	31	0.78	0.58
6	0.96	31	0.76	0.58
7	1.02	33	0.69	0.58
8	1.07	35	0.68	0.59
9	1.07	34	0.75	0.57
10	1.08	34	0.76	0.58
11	0.95	30	0.87	0.57
12	0.98	31	0.95	0.58
13	0.98	32	0.83	0.60
14	0.97	32	0.77	0.59
15	1.16	37	0.75	0.58
16	0.97	32	0.75	0.59
17	0.97	27	0.78	0.50
18	1.17	38	0.75	0.58
19	0.96	31	0.76	0.58
20	1.26	41	0.75	0.58
21	0.94	30	0.75	0.58
22	0.94	32	0.74	0.61
23	1.18	32	0.71	0.49
24	1.37	45	0.70	0.59
25	0.99	32	0.78	0.59
26	1.04	33	0.80	0.57
27	1.43	46	0.81	0.58
28	1.67	54	0.87	0.58
29	2.20	71	0.77	0.58
30	1.80	54	0.77	0.54
Avg	1.15	36.43	0.77	0.57
Min	0.94	25.48	0.68	0.48
Max	2.20	70.57	0.95	0.61
Total	34.47	1,092.78		

Operating comments

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: <u>Riverside Station</u>			
System Name:	Greater Augusta Utility District	Chemical Used: <u>Sodium fluoride</u>			
PWSID#: 90080					
Reporting period:	September, 2021	Notes: See notes below for specific operating conditions.			
Signature: 	10/7/2021	Date	GAUD mg/L	Location	HETL mg/L
		9/22/2021 7:26	n/a	12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.49	19	0.83	0.71
2	0.53	21	0.80	0.70
3	0.67	26	0.81	0.70
4	0.65	25	0.81	0.70
5	0.55	21	0.81	0.70
6	0.63	24	0.78	0.69
7	0.66	26	0.78	0.70
8	0.71	28	0.74	0.70
9	0.64	25	0.79	0.70
10	0.54	21	0.85	0.70
11	0.78	30	0.86	0.70
12	0.55	22	0.85	0.70
13	0.71	27	0.77	0.70
14	0.65	25	0.74	0.70
15	0.46	18	0.75	0.69
16	0.76	30	0.76	0.70
17	0.67	26	0.76	0.70
18	0.57	22	0.75	0.69
19	0.51	20	0.76	0.70
20	0.55	21	0.76	0.70
21	0.69	27	0.75	0.70
22	0.86	33	0.76	0.70
23	0.67	26	0.75	0.70
24	0.51	19	0.77	0.68
25	0.73	27	0.84	0.67
26	0.60	23	0.80	0.68
27	0.34	13	0.79	0.69
28	0.70	26	0.77	0.68
29	0.45	17	0.71	0.68
30	0.33	13	0.71	0.69
Avg	0.60	23.36	0.78	0.69
Min	0.33	12.51	0.71	0.67
Max	0.86	33.33	0.86	0.71
Total	18.15	700.68		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: September, 2021

Reporting date: 10/7/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
9/1/2021	70,190	2.02	0.40	
9/2/2021	82,360	1.12	0.50	
9/3/2021	141,440	1.44	0.90	
9/4/2021	790	1.64	0.00	valve closed, no flow
9/5/2021	64,180	1.78	0.40	
9/6/2021	129,010	1.78	0.90	
9/7/2021	67,780	2.06	0.50	
9/8/2021	141,440	1.94	1.00	
9/9/2021	69,920	2.07	0.50	
9/10/2021	71,130	1.91	0.50	
9/11/2021	63,760	1.95	0.50	
9/12/2021	67,520	1.86	0.50	
9/13/2021	143,590	1.78	0.90	
9/14/2021	71,250	2.22	0.40	
9/15/2021	143,720	1.82	0.90	
9/16/2021	70,310	2.01	0.50	
9/17/2021	131,830	2.02	0.90	
9/18/2021	65,640	2.00	0.40	
9/19/2021	62,830	1.83	0.50	
9/20/2021	72,330	1.91	0.50	
9/21/2021	129,010	1.96	1.00	
9/22/2021	71,520	2.01	0.50	
9/23/2021	68,980	1.92	0.50	
9/24/2021	147,070	2.09	1.10	
9/25/2021	132,090	2.09	0.90	
9/26/2021	65,230	1.97	0.50	
9/27/2021	105,350	2.04	0.80	
9/28/2021	112,560	2.02	0.80	
9/29/2021	78,340	2.23	0.60	
9/30/2021	142,660	2.13	1.00	
Sum	2,783,830		19.30	
Average	92,794	1.92	0.64	
Max		2.23		

Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

Charlotte Warren, Hallowell voting member
cwarren@greateraugustautilitydistrict.org

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November 5, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for October, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
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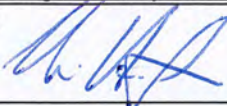
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2. Western Station booster pump station for Quality Inn & Suites

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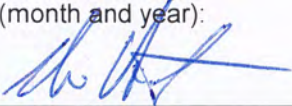
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period:	October, 2021		
Signature:		11/5/2021	

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station			Riverside Station				Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH		Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	1.42	6.93	1.22	0.55	7.51	1.37	3	16		1.3	7.6	
2	1.92	6.69	1.25	0.11	7.50	1.31	5	23		0.3	1.8	
3	0.95	6.64	1.23	0.60	7.51	1.38	3	12		1.4	8.3	
4	0.86	6.61	1.24	0.60	7.51	1.29	3	11		1.4	8.6	
5	1.06	6.52	1.23	0.65	7.51	1.22	2	13		1.5	8.7	
6	1.32	6.50	1.16	0.43	7.50	0.74	4	16	50	1.0	5.4	
7	1.07	6.49	1.10	0.56	7.50	1.13	2	13		1.3	6.9	
8	1.06	7.21	1.10	0.64	7.50	1.13	3	12		1.5	8.0	50
9	1.06	7.58	1.10	0.54	7.50	1.13	3	13		1.3	6.9	
10	1.05	7.69	1.11	0.51	7.50	1.14	3	12		1.2	6.5	
11	1.06	7.81	1.10	0.59	7.50	1.16	2	13		1.5	7.5	
12	0.97	7.83	1.12	0.57	7.49	1.14	3	11		1.3	7.3	
13	1.19	7.77	1.14	0.58	7.49	1.13	3	15		1.4	7.3	
14	0.94	7.82	1.16	0.66	7.49	1.12	2	11	100	1.5	8.1	50
15	1.03	7.72	1.16	0.62	7.49	1.12	3	12		1.5	7.7	
16	1.00	7.81	1.17	0.56	7.49	1.12	2	12		1.3	7.0	
17	0.74	7.83	1.15	0.63	7.49	1.13	2	9		1.5	8.0	
18	0.91	7.78	1.10	0.66	7.48	1.12	3	11		1.6	8.5	
19	0.92	7.15	1.19	0.63	7.48	1.12	2	12		1.5	7.9	
20	0.95	7.12	1.26	0.63	7.48	1.11	3	12		1.5	7.7	
21	0.97	7.16	1.28	0.61	7.48	1.11	3	12		1.4	7.6	50
22	0.97	7.16	1.28	0.59	7.48	1.10	3	13	100	1.4	7.2	
23	0.97	7.13	1.29	0.50	7.48	1.10	3	13		1.2	6.3	
24	0.97	7.17	1.29	0.50	7.48	1.10	2	12		1.2	6.3	
25	0.70	7.20	1.25	0.57	7.49	1.11	2	8		1.5	8.0	
26	0.95	7.20	1.28	0.68	7.48	1.08	3	12		1.6	8.3	
27	0.94	7.15	1.27	0.57	7.49	1.03	2	11		1.4	7.0	
28	0.94	7.12	1.21	0.62	7.49	1.03	2	11		1.5	7.7	
29	0.94	7.17	1.19	0.68	7.49	1.12	3	12	100	1.6	8.6	50
30	0.75	7.17	1.17	0.65	7.49	1.20	2	9		1.5	8.1	
31	0.94	7.14	1.19	0.60	7.49	1.20	3	11		1.4	7.5	
Summary	31.52	7.23	1.10	17.90	7.49	0.74	82	386	350	43	227	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	125 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	613 gallons
NaF	Sodium fluoride	fluoridation		550 pounds

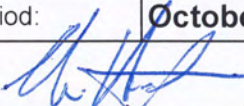
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.72

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year):		October, 2021	
Signature 		November 5, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.52	0.59	0.30	1.42	0.00	0.55	0.55	1.96
2	0.90	0.96	0.06	1.92	0.00	0.11	0.11	2.02
3	0.95	0.00	0.00	0.95	0.00	0.60	0.60	1.55
4	0.47	0.39	0.00	0.86	0.00	0.60	0.60	1.45
5	0.00	1.06	0.00	1.06	0.00	0.65	0.65	1.71
6	0.00	1.05	0.27	1.32	0.00	0.43	0.43	1.75
7	0.00	1.06	0.01	1.07	0.00	0.56	0.56	1.62
8	0.00	1.06	0.00	1.06	0.00	0.64	0.64	1.70
9	0.00	1.06	0.00	1.06	0.00	0.54	0.54	1.60
10	0.00	1.05	0.00	1.05	0.00	0.51	0.51	1.56
11	0.00	1.06	0.00	1.06	0.00	0.59	0.59	1.65
12	0.00	0.53	0.44	0.97	0.00	0.57	0.57	1.54
13	0.27	0.00	0.92	1.19	0.00	0.58	0.58	1.77
14	0.00	0.00	0.93	0.94	0.00	0.65	0.66	1.59
15	0.11	0.00	0.92	1.03	0.00	0.62	0.62	1.65
16	0.08	0.00	0.92	1.00	0.00	0.56	0.56	1.56
17	0.00	0.00	0.74	0.74	0.00	0.63	0.63	1.37
18	0.66	0.00	0.25	0.91	0.00	0.66	0.66	1.57
19	0.91	0.00	0.00	0.92	0.00	0.63	0.63	1.55
20	0.94	0.01	0.00	0.95	0.00	0.63	0.63	1.57
21	0.96	0.01	0.00	0.97	0.00	0.61	0.61	1.58
22	0.97	0.00	0.00	0.97	0.00	0.59	0.59	1.56
23	0.97	0.01	0.00	0.97	0.00	0.50	0.50	1.48
24	0.96	0.01	0.00	0.97	0.00	0.50	0.50	1.47
25	0.23	0.01	0.47	0.70	0.00	0.57	0.57	1.28
26	0.00	0.01	0.94	0.95	0.00	0.68	0.68	1.63
27	0.00	0.00	0.93	0.94	0.00	0.57	0.57	1.51
28	0.00	0.01	0.93	0.94	0.00	0.62	0.62	1.56
29	0.00	0.01	0.94	0.94	0.00	0.68	0.68	1.62
30	0.00	0.00	0.75	0.75	0.00	0.65	0.65	1.40
31	0.00	0.00	0.93	0.94	0.00	0.60	0.60	1.54
Sum	9.90	9.95	11.67	31.51	0.01	17.89	17.90	49.41

Percent Triangle 64%
Percent Riverside 36%

Average flow: 1.59

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Triangle Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080		Notes: See notes below for specific operating conditions.	
Reporting period: October, 2021			
Signature:  11/5/2021		Date 10/13/2021 10:40	GAUD mg/L 0.62
		Location Western Station	HETL mg/L 0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.42	45	0.77	0.57
2	1.92	63	0.77	0.59
3	0.95	31	0.84	0.59
4	0.86	27	0.79	0.56
5	1.06	34	0.66	0.58
6	1.32	40	0.71	0.55
7	1.07	32	0.72	0.54
8	1.06	32	0.71	0.55
9	1.06	33	0.72	0.57
10	1.05	33	0.71	0.56
11	1.06	33	0.71	0.56
12	0.97	30	0.76	0.56
13	1.19	36	0.76	0.55
14	0.94	25	0.68	0.47
15	1.03	31	0.65	0.54
16	1.00	31	0.65	0.55
17	0.74	23	0.65	0.56
18	0.91	29	0.68	0.56
19	0.92	31	0.70	0.60
20	0.95	31	0.76	0.59
21	0.97	32	0.81	0.58
22	0.97	27	0.82	0.51
23	0.97	31	0.81	0.58
24	0.97	31	0.83	0.57
25	0.70	22	0.80	0.57
26	0.95	29	0.75	0.55
27	0.94	28	0.67	0.54
28	0.94	29	0.69	0.56
29	0.94	23	0.74	0.44
30	0.75	23	0.74	0.54
31	0.94	29	0.74	0.55
Avg	1.02	31.39	0.74	0.55
Min	0.70	22.00	0.65	0.44
Max	1.92	62.80	0.84	0.60
Total	31.52	973.00		

Operating comments

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: <u>Riverside Station</u>	
System Name:	Greater Augusta Utility District	Chemical Used: <u>Sodium fluoride</u>	
PWSID#: 90080			
Reporting period:	October, 2021	Notes: See notes below for specific operating conditions.	
Signature: 	11/5/2021	Date	GAUD mg/L
		10/13/2021 11:40	0.74
		Location	HETL mg/L
		12 Williams Street	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.55	21	0.80	0.68
2	0.11	4	0.81	0.69
3	0.60	23	0.83	0.68
4	0.60	23	0.80	0.68
5	0.65	25	0.76	0.68
6	0.43	16	0.73	0.68
7	0.56	21	0.70	0.68
8	0.64	25	0.68	0.69
9	0.54	21	0.72	0.70
10	0.51	20	0.74	0.70
11	0.59	23	0.74	0.70
12	0.57	22	0.74	0.70
13	0.58	23	0.71	0.70
14	0.66	25	0.79	0.69
15	0.62	24	0.86	0.70
16	0.56	22	0.87	0.70
17	0.63	25	0.87	0.70
18	0.66	26	0.81	0.70
19	0.63	25	0.74	0.70
20	0.63	24	0.75	0.70
21	0.61	24	0.75	0.70
22	0.59	23	0.77	0.70
23	0.50	20	0.79	0.70
24	0.50	20	0.79	0.70
25	0.57	25	0.80	0.78
26	0.68	27	0.80	0.70
27	0.57	22	0.78	0.70
28	0.62	24	0.78	0.70
29	0.68	26	0.76	0.70
30	0.65	25	0.79	0.70
31	0.60	24	0.79	0.70
Avg	0.58	22.42	0.78	0.70
Min	0.11	4.10	0.68	0.68
Max	0.68	26.53	0.87	0.78
Total	17.90	695.08		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: October, 2021

Reporting date: 11/5/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
10/1/2021	140,910	2.01	1.00	
10/2/2021	139,030	2.04	1.00	
10/3/2021	67,780	2.17	0.40	
10/4/2021	136,640	1.94	1.00	
10/5/2021	147,590	1.55	1.00	
10/6/2021	73,930	2.02	0.50	
10/7/2021	138,100	1.90	1.00	
10/8/2021	125,940	1.95	0.80	
10/9/2021	76,210	1.92	0.50	
10/10/2021	64,030	1.87	0.50	
10/11/2021	68,720	1.88	0.51	
10/12/2021	139,290	1.65	1.00	
10/13/2021	70,190	1.93	0.40	
10/14/2021	134,090	1.93	1.00	
10/15/2021	68,860	2.00	0.50	
10/16/2021	63,770	1.65	0.40	
10/17/2021	63,760	1.75	0.50	
10/18/2021	69,390	1.72	0.40	
10/19/2021	122,330	1.70	0.90	
10/20/2021	71,390	1.76	0.60	
10/21/2021	200,940	1.58	4.40	
10/22/2021	68,990	1.16	0.60	
10/23/2021	66,290	1.70	0.50	
10/24/2021	63,910	1.70	0.50	
10/25/2021	70,860	1.88	0.50	
10/26/2021	71,120	1.89	0.60	
10/27/2021	127,940	1.88	1.00	
10/28/2021	71,130	1.95	0.60	
10/29/2021	70,590	2.15	0.50	
10/30/2021	94,110	1.83	0.80	
10/31/2021	65,250	1.86	0.50	
Sum	2,953,080		24.41	
Average	95,261	1.84	0.79	
Max		2.17		

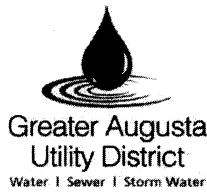
Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

Charlotte Warren, Hallowell voting member
cwarren@greateraugustautilitydistrict.org

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Cary Colwell, Hallowell ex-officio member
ccolwell@greateraugustautilitydistrict.org

December 7, 2021

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for November, 2021.

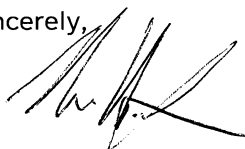
You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office; and
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,


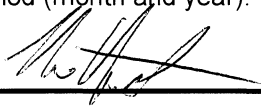
Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period:	November, 2021		
Signature:		12/7/2021	

Water production, pH and free chlorine residual							Chemical usage					
Triangle Station			Riverside Station				Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH		Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.79	7.07	1.12	0.69	7.49	1.24	2	10		1.7	8.8	
2	1.05	7.00	1.12	0.59	7.50	1.26	3	13		1.4	7.6	
3	0.81	7.03	1.09	0.65	7.50	1.27	2	10		1.6	8.3	
4	0.79	7.27	1.10	0.66	7.50	1.35	2	9		1.6	8.5	
5	1.04	7.55	1.14	0.54	7.50	1.29	3	13		1.4	7.0	
6	0.60	7.54	1.07	0.66	7.50	1.22	2	8		1.6	8.7	
7	0.85	7.57	1.11	0.54	7.50	1.22	3	11		1.3	7.1	
8	0.90	7.56	1.08	0.61	7.50	1.22	2	12	50	1.5	7.9	50
9	0.98	7.58	1.21	0.57	7.50	1.23	4	13		1.4	7.5	
10	0.65	7.64	1.31	0.70	7.50	1.23	1	8		1.8	9.2	
11	0.77	7.58	1.32	0.58	7.50	1.22	3	10		1.4	7.6	
12	0.96	7.71	1.25	0.56	7.49	1.22	3	13		1.4	7.3	
13	0.64	7.66	1.15	0.58	7.49	1.21	2	8		1.5	7.7	
14	0.96	7.44	1.17	0.57	7.49	1.21	3	13		1.4	7.4	
15	0.63	7.73	1.14	0.72	7.49	1.22	2	8	50	1.8	9.3	50
16	0.94	7.61	1.19	0.56	7.49	1.21	3	11		1.5	7.3	
17	0.67	7.63	1.15	0.68	7.49	1.19	2	9	50	1.7	8.8	50
18	0.94	7.72	1.20	0.74	7.50	1.20	3	11		1.9	9.4	
19	0.65	7.54	1.17	0.72	7.50	1.19	2	8		1.8	9.0	
20	0.93	7.62	1.19	0.57	7.50	1.18	3	12		1.5	7.3	
21	0.63	7.76	1.15	0.66	7.50	1.19	2	7		1.7	8.5	
22	0.81	7.77	1.15	0.63	7.50	1.25	2	10		1.6	8.2	
23	1.03	7.57	1.16	0.55	7.50	1.29	3	13	50	1.4	7.2	50
24	0.65	7.53	1.06	0.72	7.50	1.30	2	8		1.8	9.3	
25	1.03	7.60	1.17	0.51	7.50	1.29	3	13		1.4	6.7	
26	0.48	7.69	1.09	0.74	7.50	1.31	2	5		1.8	9.5	
27	0.55	7.65	1.11	0.71	7.50	1.31	1	7		1.8	9.1	
28	0.85	7.57	1.17	0.58	7.49	1.29	3	11		1.5	7.6	
29	0.80	7.55	1.11	0.68	7.49	1.17	3	10		1.7	8.9	
30	0.97	7.43	1.16	0.68	7.49	1.19	2	12		1.8	8.5	
Summary	24.40	7.54	1.06	18.97	7.50	1.17	74	308	200	48	244	200
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	122 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	552 gallons
NaF	Sodium fluoride	fluoridation		400 pounds

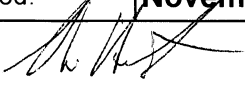
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.79

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period (month and year):		November, 2021	
Signature 		December 7, 2021	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.00	0.49	0.31	0.79	0.00	0.69	0.69	1.49
2	0.00	1.05	0.00	1.05	0.00	0.59	0.59	1.64
3	0.00	0.81	0.00	0.81	0.00	0.65	0.65	1.46
4	0.00	0.79	0.00	0.79	0.00	0.66	0.66	1.45
5	0.00	1.04	0.00	1.04	0.00	0.54	0.54	1.58
6	0.00	0.60	0.00	0.60	0.00	0.66	0.66	1.26
7	0.00	0.85	0.00	0.85	0.00	0.54	0.54	1.39
8	0.44	0.46	0.00	0.90	0.00	0.61	0.61	1.51
9	0.97	0.01	0.00	0.98	0.00	0.57	0.57	1.54
10	0.64	0.00	0.00	0.65	0.00	0.70	0.70	1.35
11	0.77	0.00	0.00	0.77	0.00	0.58	0.58	1.36
12	0.96	0.00	0.00	0.96	0.00	0.56	0.56	1.52
13	0.63	0.00	0.00	0.64	0.00	0.58	0.58	1.22
14	0.95	0.01	0.00	0.96	0.00	0.57	0.57	1.53
15	0.07	0.00	0.56	0.63	0.00	0.72	0.72	1.35
16	0.00	0.00	0.94	0.94	0.00	0.56	0.56	1.51
17	0.00	0.01	0.67	0.67	0.00	0.68	0.68	1.35
18	0.00	0.01	0.93	0.94	0.00	0.74	0.74	1.68
19	0.00	0.01	0.64	0.65	0.00	0.72	0.72	1.37
20	0.00	0.01	0.93	0.93	0.00	0.57	0.57	1.51
21	0.00	0.00	0.63	0.63	0.00	0.66	0.66	1.30
22	0.00	0.32	0.49	0.81	0.00	0.63	0.63	1.45
23	0.00	1.03	0.00	1.03	0.00	0.55	0.55	1.58
24	0.00	0.65	0.00	0.65	0.00	0.72	0.72	1.37
25	0.00	1.03	0.00	1.03	0.00	0.51	0.51	1.54
26	0.00	0.48	0.00	0.48	0.00	0.74	0.74	1.22
27	0.00	0.55	0.00	0.55	0.00	0.71	0.71	1.26
28	0.00	0.85	0.00	0.85	0.00	0.58	0.58	1.43
29	0.51	0.29	0.00	0.80	0.00	0.68	0.68	1.49
30	0.97	0.01	0.00	0.97	0.00	0.68	0.68	1.66
Sum	6.91	11.36	6.13	24.40	0.00	18.97	18.97	43.36

Percent Triangle 56%
Percent Riverside 44%

Average flow: 1.45

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Triangle Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080		Notes: See notes below for specific operating conditions.	
Reporting period:	November, 2021		
Signature: 	12/7/2021	Date	GAUD mg/L
		11/10/2021 7:55	0.77
		Location	HETL mg/L
		Western Station	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.69	27	0.72	0.70
2	0.59	23	0.71	0.71
3	0.65	26	0.69	0.70
4	0.66	26	0.62	0.70
5	0.54	21	0.68	0.70
6	0.66	26	0.80	0.70
7	0.54	21	0.80	0.70
8	0.61	24	0.72	0.70
9	0.57	22	0.77	0.70
10	0.70	27	0.79	0.70
11	0.58	23	0.80	0.70
12	0.56	22	0.78	0.70
13	0.58	23	0.74	0.70
14	0.58	22	0.66	0.69
15	0.72	28	0.66	0.70
16	0.56	22	0.79	0.70
17	0.68	26	0.73	0.70
18	0.74	29	0.80	0.70
19	0.72	28	0.84	0.70
20	0.57	22	0.84	0.70
21	0.66	26	0.84	0.70
22	0.63	25	0.82	0.70
23	0.55	21	0.74	0.70
24	0.72	28	0.67	0.70
25	0.51	20	0.68	0.70
26	0.74	29	0.68	0.70
27	0.71	28	0.67	0.70
28	0.59	23	0.66	0.70
29	0.68	27	0.75	0.70
30	0.68	26	0.72	0.70
Avg	0.63	24.61	0.74	0.70
Min	0.51	19.92	0.62	0.69
Max	0.74	28.73	0.84	0.71
Total	18.97	738.42		

Operating comments

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Riverside Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080		Notes: See notes below for specific operating conditions.	
Reporting period:	November, 2021		
Signature:	12/7/2021	Date	GAUD mg/L
		11/10/2021 14:05	0.69
		Location	HETL mg/L
		12 Williams Street	0.8

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.79	25	0.68	0.56
2	1.05	32	0.70	0.55
3	0.81	26	0.79	0.57
4	0.79	25	0.75	0.57
5	1.04	33	0.71	0.56
6	0.60	19	0.73	0.57
7	0.85	29	0.74	0.62
8	0.90	29	0.81	0.58
9	0.98	33	0.86	0.60
10	0.65	21	0.75	0.58
11	0.77	25	0.80	0.59
12	0.96	29	0.80	0.54
13	0.64	21	0.78	0.60
14	0.96	30	0.78	0.57
15	0.63	20	0.72	0.56
16	0.94	28	0.69	0.54
17	0.67	21	0.71	0.57
18	0.94	29	0.71	0.55
19	0.65	19	0.71	0.52
20	0.93	29	0.73	0.56
21	0.63	19	0.73	0.53
22	0.81	25	0.70	0.56
23	1.03	28	0.65	0.49
24	0.65	20	0.68	0.56
25	1.03	33	0.68	0.57
26	0.48	14	0.69	0.54
27	0.55	17	0.70	0.54
28	0.85	27	0.71	0.58
29	0.80	26	0.73	0.58
30	0.97	32	0.73	0.58
Avg	0.81	25.46	0.73	0.56
Min	0.48	14.36	0.65	0.49
Max	1.05	32.58	0.86	0.62
Total	24.40	763.66		

Operating comments

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: November, 2021

Reporting date: 12/7/2021



Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
11/1/2021	143,840	1.59	1.20	
11/2/2021	72,460	1.90	0.60	
11/3/2021	73,400	1.91	0.60	
11/4/2021	128,080	1.99	1.00	
11/5/2021	71,520	1.89	0.60	
11/6/2021	67,780	1.86	0.50	
11/7/2021	63,900	1.82	0.60	
11/8/2021	72,600	1.81	0.50	
11/9/2021	74,060	1.69	0.60	
11/10/2021	129,010	1.60	1.10	
11/11/2021	62,830	1.99	0.50	
11/12/2021	70,860	2.10	0.60	
11/13/2021	62,970	2.06	0.50	
11/14/2021	65,110	2.30	0.50	
11/15/2021	42,230	2.18	0.40	
11/16/2021	128,080	1.99	1.00	
11/17/2021	71,530	2.37	0.60	
11/18/2021	73,250	1.98	0.60	
11/19/2021	134,100	1.76	1.10	
11/20/2021	64,040	2.18	0.50	
11/21/2021	64,300	2.07	0.50	
11/22/2021	69,920	2.01	0.60	
11/23/2021	71,800	2.24	0.50	
11/24/2021	105,080	2.42	0.80	
11/25/2021	30,220	2.59	0.30	
11/26/2021	128,610	2.03	1.00	
11/27/2021	14,700	2.41	0.10	
11/28/2021	48,390	2.32	0.40	
11/29/2021	117,780	2.26	0.90	
11/30/2021	84,360	2.22	0.50	
Sum	2,406,810		19.20	
Average	80,227	2.05	0.64	
Max		2.59		

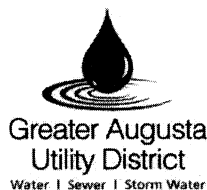
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January 10, 2022

Denise Douin
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Denise:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for December, 2021.

You should find the following documents:

1. Operating report;
2. Water production report;
3. Triangle fluoridation report;
4. Riverside fluoridation report; and
5. Togus disinfection report.

We have made the following modifications to our Coliform Sampling Site Plan due to COVID-19 access restrictions:

1. Pineland Forest booster pump station for Manchester Town Office; and
2. Western Station booster pump station for Quality Inn & Suites

If you have any questions, please contact me at 622-3701.

Sincerely,

Brian Tarbuck, PE, System Class IV 2026

Monthly Operating Report		System Information	
System Type - All GW systems		Treatment plant/pump station: Triangle & Riverside	
System Name:	Greater Augusta Utility District	Community water system	
PWSID#:	90080	List any new or changed system information and any operational problems or comments below.	
Designated operator name and ME License #:	Brian Tarbuck 2026		
btarbuck@greataugustautilitydistrict.org			
Reporting period:	December, 2021		
Signature:		1/10/2022	

	Water production, pH and free chlorine residual						Chemical usage					
	Triangle Station			Riverside Station			Triangle Station			Riverside Station		
Date	Gallons (MGD)	pH	Average free chlorine residual	Gallons (MGD)	pH	Average free chlorine residual	Calc	Hypo	NaF	Calc	Hypo	NaF
							gal	gal	lbs	gal	gal	lbs
1	0.69	7.36	1.18	0.69	7.49	1.21	3	9	Fluoride saturator removed from service on 12/30 for routine maintenance. No NaF added to saturator in December.	1.7	8.1	
2	0.76	7.34	1.20	0.62	7.49	1.18	2	9		1.5	7.2	
3	0.97	7.40	1.22	0.56	7.48	1.17	3	13		1.4	6.6	
4	0.75	7.27	1.24	0.62	7.48	1.17	2	10		1.6	7.2	
5	0.96	7.23	1.25	0.54	7.48	1.16	4	12		1.3	6.2	
6	0.82	7.32	1.25	0.60	7.48	1.16	2	11		1.5	6.8	
7	0.96	7.35	1.25	0.62	7.47	1.16	3	13		1.6	7.1	
8	0.59	7.30	1.22	0.68	7.47	1.14	2	8		1.7	7.5	
9	0.94	7.33	1.26	0.64	7.47	1.09	3	12		1.6	6.9	
10	0.81	7.28	1.20	0.62	7.47	1.15	3	10		1.5	6.9	
11	0.82	7.31	1.17	0.65	7.47	1.19	2	10		1.6	7.1	
12	0.66	7.37	1.13	0.65	7.47	1.20	2	9		1.7	7.1	
13	0.91	7.37	1.26	0.66	7.47	1.14	3	11		1.6	7.3	
14	0.94	7.60	1.27	0.76	7.48	1.07	3	12		1.9	8.3	
15	0.93	7.78	1.27	0.70	7.48	1.05	3	12		1.7	7.6	
16	0.93	7.86	1.27	0.68	7.48	1.07	3	12		1.7	7.5	
17	0.93	7.85	1.27	0.71	7.48	1.02	3	12		1.8	7.5	
18	0.93	7.68	1.27	0.67	7.48	1.01	3	11		1.7	7.1	
19	0.92	7.46	1.27	0.63	7.48	0.99	3	12		1.5	6.7	
20	0.70	7.46	1.20	0.78	7.48	1.01	2	9		2.0	8.3	
21	1.43	7.44	1.30	0.53	7.48	0.94	5	18		1.3	5.7	
22	0.66	7.44	1.38	0.63	7.48	0.96	2	9		1.6	6.6	300
23	0.95	7.42	1.37	0.53	7.48	0.92	3	12		1.3	5.3	
24	0.96	7.40	1.40	0.54	7.48	0.89	3	13		1.3	5.3	
25	0.63	7.41	1.38	0.64	7.48	0.80	2	8		1.7	5.7	
26	0.65	7.41	1.39	0.66	7.48	0.74	3	9		1.6	5.0	
27	0.91	7.39	1.26	0.73	7.48	0.83	3	11		1.8	6.8	
28	1.07	7.39	1.27	0.52	7.48	0.98	3	14		1.3	5.6	
29	1.03	7.38	1.29	0.59	7.48	0.98	4	13		1.4	6.3	
30	0.86	7.38	1.28	0.65	7.48	0.99	3	11		1.6	7.1	50
31	1.02	7.38	1.29	0.61	7.48	0.98	3	13		1.6	6.5	
Summary	27.11	7.43	1.13	19.71	7.48	0.74	89	351	0	49	210	350
	Sum	Average	(min.)	Sum	Average	(min.)	(total)	(total)	(total)	(total)	(total)	(total)

Chemicals Used (fluoride reported separately)				
	Chemical Name	Purpose	Chemical Strength	Total Units
Calc	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate	138 gallons
Hypo	Sodium hypochlorite	primary and secondary disinfection	12.50%	561 gallons
NaF	Sodium fluoride	fluoridation		350 pounds

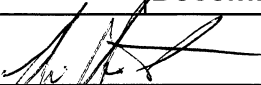
Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	28	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.80

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Community System	
PWSID#:	90080	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Designated operator name and ME	Brian Tarbuck		
License #:	2026		
btarbuck@greteraugustautilitydistrict.org			
Reporting period (month and year): December, 2021			
Signature		January 10, 2022	

Daily water production (MG)								
Date	Triangle Well	South Well	Brookside Well	Sum Triangle Station	Riverside South #1 HD-8	Riverside North #2 HD-7	Sum Riverside Station	Sum All wells
1	0.69	0.01	0.00	0.69	0.00	0.69	0.69	1.38
2	0.75	0.01	0.00	0.76	0.00	0.62	0.62	1.38
3	0.96	0.01	0.00	0.97	0.00	0.56	0.56	1.53
4	0.74	0.00	0.00	0.75	0.00	0.62	0.62	1.37
5	0.96	0.01	0.00	0.96	0.00	0.54	0.54	1.50
6	0.81	0.01	0.00	0.82	0.00	0.60	0.60	1.42
7	0.95	0.01	0.00	0.96	0.00	0.62	0.62	1.57
8	0.09	0.01	0.50	0.59	0.00	0.68	0.68	1.27
9	0.00	0.20	0.74	0.94	0.00	0.64	0.64	1.58
10	0.00	0.81	0.00	0.81	0.00	0.62	0.62	1.43
11	0.00	0.82	0.00	0.82	0.00	0.65	0.65	1.47
12	0.00	0.66	0.00	0.66	0.00	0.65	0.65	1.31
13	0.00	0.46	0.45	0.91	0.00	0.66	0.66	1.57
14	0.00	0.01	0.93	0.94	0.00	0.76	0.76	1.70
15	0.00	0.00	0.93	0.93	0.00	0.70	0.70	1.63
16	0.00	0.01	0.93	0.93	0.00	0.68	0.68	1.62
17	0.00	0.01	0.93	0.93	0.00	0.71	0.71	1.64
18	0.00	0.01	0.92	0.93	0.00	0.67	0.67	1.59
19	0.00	0.00	0.92	0.92	0.00	0.63	0.63	1.55
20	0.43	0.01	0.27	0.70	0.00	0.78	0.78	1.48
21	0.92	0.29	0.22	1.43	0.00	0.53	0.53	1.97
22	0.66	0.00	0.00	0.66	0.00	0.63	0.63	1.30
23	0.69	0.25	0.00	0.95	0.00	0.53	0.53	1.48
24	0.95	0.00	0.00	0.96	0.00	0.54	0.54	1.50
25	0.62	0.01	0.00	0.63	0.00	0.64	0.64	1.27
26	0.64	0.01	0.00	0.65	0.00	0.66	0.66	1.31
27	0.31	0.46	0.15	0.91	0.00	0.73	0.73	1.64
28	0.00	1.02	0.05	1.07	0.00	0.52	0.52	1.59
29	0.00	1.03	0.00	1.03	0.00	0.59	0.59	1.61
30	0.00	0.86	0.00	0.86	0.00	0.65	0.65	1.51
31	0.00	1.02	0.00	1.02	0.00	0.61	0.61	1.63
Sum	11.18	7.98	7.95	27.11	0.00	19.71	19.71	46.82

Percent Triangle 58%
Percent Riverside 42%

Average flow: 1.51

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant: Triangle Station			
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride			
PWSID#: 90080					
Reporting period:	December, 2021	Notes: See notes below for specific operating conditions.			
Signature: 	1/10/2022	Date	GAUD mg/L	Location	HETL mg/L
		12/16/2021 9:15	0.73	Western Station	0.7

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.69	21	0.76	0.54
2	0.76	25	0.84	0.60
3	0.97	31	0.83	0.57
4	0.75	25	0.85	0.59
5	0.96	31	0.85	0.57
6	0.82	27	0.77	0.60
7	0.96	30	0.73	0.57
8	0.59	18	0.69	0.55
9	0.94	30	0.63	0.58
10	0.81	25	0.65	0.56
11	0.82	26	0.70	0.58
12	0.66	22	0.70	0.60
13	0.91	29	0.70	0.58
14	0.94	29	0.73	0.56
15	0.93	29	0.73	0.55
16	0.93	30	0.72	0.58
17	0.93	28	0.76	0.55
18	0.93	29	0.80	0.57
19	0.92	28	0.76	0.55
20	0.70	21	0.70	0.55
21	1.43	47	0.67	0.59
22	0.66	22	0.64	0.59
23	0.95	32	0.66	0.60
24	0.96	32	0.68	0.60
25	0.63	20	0.68	0.58
26	0.65	21	0.66	0.58
27	0.91	31	0.61	0.61
28	1.07	39	0.62	0.65
29	1.03	39	0.68	0.68
30	0.86	12	0.29	0.25
31	1.02	0	0.09	0.00
Avg	0.87	26.78	0.68	0.55
Min	0.59	0.00	0.09	0.00
Max	1.43	46.91	0.85	0.68
Total	27.11	830.21		

Operating comments

Fluoride saturator offline for maintenance.

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant: Riverside Station	
System Name:	Greater Augusta Utility District	Chemical Used: Sodium fluoride	
PWSID#: 90080			
Reporting period:	December, 2021	Notes: See notes below for specific operating conditions.	
Signature:	1/10/2022	Date	GAUD mg/L
		12/16/2021 14:05	0.67
		Location	HETL mg/L
		12 Williams Street	0.6

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	0.67	26	0.69	0.70
2	0.60	23	0.77	0.70
3	0.54	21	0.77	0.70
4	0.60	23	0.78	0.70
5	0.52	20	0.79	0.69
6	0.58	23	0.77	0.70
7	0.60	23	0.73	0.70
8	0.66	26	0.71	0.70
9	0.62	24	0.70	0.70
10	0.61	23	0.68	0.70
11	0.63	25	0.62	0.70
12	0.63	24	0.59	0.70
13	0.64	25	0.61	0.71
14	0.74	31	0.69	0.75
15	0.68	23	0.59	0.61
16	0.66	0	0.10	0.00
17	0.69	0	0.10	0.00
18	0.65	0	0.10	0.00
19	0.61	0	0.10	0.00
20	0.76	0	0.09	0.00
21	0.52	0	0.10	0.00
22	0.64	16	0.44	0.45
23	0.53	20	0.77	0.68
24	0.54	21	0.78	0.68
25	0.64	24	0.78	0.68
26	0.66	25	0.79	0.68
27	0.73	28	0.79	0.68
28	0.52	20	0.79	0.68
29	0.59	19	0.74	0.59
30	0.65	25	0.80	0.69
31	0.61	23	0.80	0.68
Avg	0.62	18.76	0.60	0.55
Min	0.52	0.00	0.09	0.00
Max	0.76	30.83	0.80	0.75
Total	19.31	581.57		

Operating comments

Sodium fluoride saturator offline for routine cleaning.

Saturator returned to service.

Greater Augusta Utility District, PWSID 90080

Operator: Brian Tarbuck, 2026

Togus Disinfection Station, Route 17 Augusta, Maine

Reporting month: December, 2021

Reporting date: 1/10/2022

Date	Flow (gallons)	Average chlorine residual (mg/L)	Sodium hypochlorite usage (gallons)	Operating notes
12/1/2021	63,090	2.16	0.40	
12/2/2021	67,660	2.38	0.40	
12/3/2021	75,000	1.82	0.50	
12/4/2021	168,840	1.20	1.00	
12/5/2021	69,930	1.22	0.40	
12/6/2021	66,170	1.14	0.40	
12/7/2021	68,980	1.12	0.50	
12/8/2021	70,330	1.18	0.40	
12/9/2021	87,030	1.33	0.50	
12/10/2021	70,050	1.29	0.40	
12/11/2021	64,050	1.13	0.40	
12/12/2021	65,230	1.16	0.50	
12/13/2021	71,390	1.11	0.40	
12/14/2021	71,390	1.21	0.50	
12/15/2021	116,050	1.22	0.70	
12/16/2021	70,450	1.20	0.40	
12/17/2021	66,850	1.28	0.50	
12/18/2021	61,620	1.38	0.40	
12/19/2021	410	1.34	0.00	valve closed, no flow
12/20/2021	73,670	1.27	0.40	
12/21/2021	71,250	0.85	0.40	
12/22/2021	70,190	0.95	0.40	
12/23/2021	67,920	1.04	0.50	
12/24/2021	69,640	0.99	0.40	
12/25/2021	62,970	1.03	0.40	
12/26/2021	18,180	1.04	0.10	
12/27/2021	107,750	0.97	0.70	
12/28/2021	68,190	0.87	0.40	
12/29/2021	64,170	1.15	0.40	
12/30/2021	63,100	1.10	0.40	
12/31/2021	-	1.07	0.00	valve closed, no flow
Sum	2,131,550		13.20	
Average	68,760	1.23	0.43	
Max		2.38		