

12 Williams Street
Augusta, ME 04330-5225

www.greteraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:

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DAVID P. SMITH, Vice Chair
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TRUSTEES:

DAVE BUSTIN
LESLEY JONES
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DONALD A. ROBERTS
SUKEY SIKORA

February 7, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

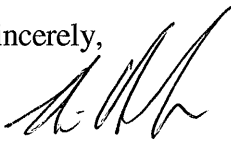
Dear Mr. Pushard:

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, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Forms (Buildings 206 and 207).

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

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**


Reporting period: **January - 14**

System Information

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: 2/7/2014

Date	GAUD mg/L	Location	HETL mg/l
1/14/2014 10:25	0.64	Triangle Station	0.60

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.63	62.66	0.60	0.69
2	1.52	56.70	0.62	0.67
3	1.86	69.70	0.60	0.67
4	1.72	64.68	0.61	0.68
5	1.74	64.73	0.60	0.67
6	2.04	62.66	0.54	0.55
7	2.21	77.78	0.62	0.63
8	1.81	67.77	0.61	0.68
9	1.85	67.72	0.60	0.66
10	1.93	66.72	0.62	0.62
11	1.57	60.60	0.54	0.70
12	1.67	61.67	0.61	0.66
13	1.87	68.70	0.68	0.66
14	1.85	68.68	0.72	0.67
15	1.81	67.73	0.67	0.67
16	1.85	68.71	0.60	0.67
17	1.40	53.61	0.60	0.69
18	1.16	46.48	0.58	0.72
19	1.82	66.70	0.57	0.66
20	1.83	66.74	0.57	0.66
21	1.69	71.82	0.68	0.77
22	2.13	93.05	0.69	0.79
23	1.52	70.79	0.74	0.84
24	2.07	88.03	0.67	0.77
25	1.94	84.97	0.69	0.79
26	1.69	74.91	0.69	0.80
27	2.01	86.87	0.60	0.78
28	1.62	72.78	0.59	0.81
29	2.06	30.32	0.25	0.26
30	1.99	60.76	0.33	0.55
31	2.20	86.00	0.68	0.70
Avg	1.81	68.10	0.61	0.68
Min	1.16	30.32	0.25	0.26
Max	2.21	93.05	0.74	0.84
Total	56.05	2,111.05		

General Note:

Bacteriological Report Form

Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.

June Mooney
 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	29
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform	Method	Lauryl Tryptose				
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WESTERN STA.	DIS	MOONEY	1-2-14/10:05	0.94	0.94	0.65	MOONEY	1-2-14/2:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	1-2-14/10:25	1.29	1.26	0.62	MOONEY	1-2-14/2:00	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	1-2-14/10:45	1.10	1.09	0.65	MOONEY	1-2-14/2:00	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	1-2-14/11:15	1.08	1.08	0.62	MOONEY	1-2-14/2:00	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	1-2-14/11:45	1.07	1.07	0.65	MOONEY	1-2-14/2:00	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	1-8-14/10:30	0.96	0.97	0.64	MOONEY	1-8-14/2:00	A	COLILERT					
7	WELLHOUSE	DIS	MOONEY	1-8-14/10:50	1.33	1.32	0.54	MOONEY	1-8-14/2:00	A	COLILERT					
8	NORTHWEST STA.	DIS	MOONEY	1-8-14/11:10	1.09	1.11	0.63	MOONEY	1-8-14/2:00	A	COLILERT					
9	WILLOW ST. STA.	DIS	MOONEY	1-8-14/11:30	1.14	1.13	0.66	MOONEY	1-8-14/2:00	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	1-8-14/11:50	1.27	1.27	0.64	MOONEY	1-8-14/2:00	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	1-8-14/12:10	1.07	1.08	0.68	MOONEY	1-8-14/2:00	A	COLILERT					
12	MANCHESTER TOWN OFFICE	DIS	MOONEY	1-14-14/9:40	0.79	0.80	0.62	MOONEY	1-14-14/3:00	A	COLILERT					
13	WESTERN STA.	DIS	MOONEY	1-14-14/10:05	1.14	1.14	0.60	MOONEY	1-14-14/3:00	A	COLILERT					
14	WELLHOUSE	DIS	MOONEY	1-14-14/10:25	1.34	1.32	0.64	MOONEY	1-14-14/3:00	A	COLILERT					
15	NORTHWEST STA.	DIS	MOONEY	1-14-14/10:55	1.36	1.35	0.65	MOONEY	1-14-14/3:00	A	COLILERT					
16	12 WILLIAMS ST.	DIS	MOONEY	1-14-14/11:25	1.13	1.14	0.62	MOONEY	1-14-14/3:00	A	COLILERT					
17	TOGUS STA.	DIS	MOONEY	1-14-14/11:55	0.92	0.89	0.63	MOONEY	1-14-14/3:00	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	1-14-14/12:25	0.86	0.86	0.67	MOONEY	1-14-14/3:00	A	COLILERT					
19	QUALITY INN	DIS	MOONEY	1-14-14/12:50	0.88	0.87	0.63	MOONEY	1-14-14/3:00	A	COLILERT					
20	WESTERN STA.	DIS	MOONEY	1-21-14/12:50	0.97	0.98	0.63	MOONEY	1-22-14/10:00	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	1-21-14/2:10	1.34	1.31	0.64	MOONEY	1-22-14/10:00	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	1-21-14/1:25	1.16	1.15	0.57	MOONEY	1-22-14/10:00	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	1-21-14/1:50	1.30	1.29	0.61	MOONEY	1-22-14/10:00	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	1-21-14/2:10	1.14	1.14	0.60	MOONEY	1-22-14/10:00	A	COLILERT					
25	WESTERN STA.	DIS	MOONEY	1-28-14/9:10	0.93	0.93	0.62	MOONEY	1-28-14/11:45	A	COLILERT					
26	WELLHOUSE	DIS	MOONEY	1-28-14/9:30	1.34	1.33	0.60	MOONEY	1-28-14/11:45	A	COLILERT					
27	NORTHWEST STA.	DIS	MOONEY	1-28-14/9:50	1.07	1.05	0.58	MOONEY	1-28-14/11:45	A	COLILERT					
28	12 WILLIAMS ST.	DIS	MOONEY	1-28-14/10:10	1.27	1.27	0.59	MOONEY	1-28-14/11:45	A	COLILERT					
29	HOSPITAL ST. STA.	DIS	MOONEY	1-28-14/10:35	1.17	1.17	0.62	MOONEY	1-28-14/11:45	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	1-13-14/10:00	0.01	0.01		MOONEY	1-13-14/12:00							0:4ML

Monthly Well Production Report
System Type - All GW systems

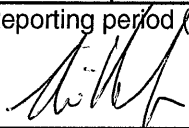
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **January - 14**

Signature:  Date: **2/7/2014**

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.85	0.40	0.39	1.63
2	0.38	0.61	0.52	1.52
3	0.39	0.77	0.70	1.86
4	0.32	0.69	0.71	1.72
5	0.33	0.69	0.72	1.74
6	0.52	0.88	0.65	2.04
7	0.45	1.11	0.65	2.21
8	0.31	0.79	0.71	1.81
9	0.36	0.78	0.70	1.85
10	0.57	0.75	0.61	1.93
11	0.17	0.65	0.75	1.57
12	0.34	0.58	0.75	1.67
13	0.38	0.77	0.72	1.87
14	0.41	0.71	0.73	1.85
15	0.28	0.77	0.76	1.81
16	0.36	0.74	0.75	1.85
17	0.27	0.34	0.79	1.40
18	0.00	0.29	0.87	1.16
19	0.33	0.72	0.76	1.82
20	0.27	0.77	0.79	1.83
21	0.14	0.95	0.59	1.69
22	0.50	1.16	0.47	2.13
23	0.12	1.19	0.21	1.52
24	0.39	1.14	0.53	2.07
25	0.36	1.17	0.41	1.94
26	0.24	1.16	0.28	1.69
27	0.37	1.12	0.52	2.01
28	0.00	0.80	0.81	1.62
29	0.35	1.00	0.70	2.06
30	0.48	0.75	0.77	1.99
31	0.39	1.12	0.69	2.20
Sum	10.64	25.36	20.05	56.05

Monthly Operating Report
System Type - All GW systems

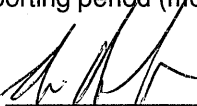
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **January - 14**

Signature:  Date: **2/7/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.63	n/a	7.60	n/a
2	1.52	n/a	7.56	n/a
3	1.86	n/a	7.53	n/a
4	1.72	n/a	7.52	n/a
5	1.74	n/a	7.52	n/a
6	2.04	n/a	7.54	n/a
7	2.24	n/a	7.54	n/a
8	1.81	n/a	7.51	n/a
9	1.85	n/a	7.51	n/a
10	1.93	n/a	7.52	n/a
11	1.57	n/a	7.49	n/a
12	1.67	n/a	7.50	n/a
13	1.87	n/a	7.50	n/a
14	1.85	n/a	7.51	n/a
15	1.81	n/a	7.51	n/a
16	1.85	n/a	7.52	n/a
17	1.40	n/a	7.51	n/a
18	1.6	n/a	7.48	n/a
19	1.82	n/a	7.52	n/a
20	1.83	n/a	7.52	n/a
21	1.69	n/a	7.54	n/a
22	2.13	n/a	7.59	n/a
23	1.52	n/a	7.63	n/a
24	2.07	n/a	7.59	n/a
25	1.94	n/a	7.61	n/a
26	1.69	n/a	7.63	n/a
27	2.01	n/a	7.60	n/a
28	1.62	n/a	7.54	n/a
29	2.06	n/a	7.57	n/a
30	1.99	n/a	7.55	n/a
31	2.20	n/a	7.59	n/a
Summary	56.05 (total)	(avg.)	7.54 (avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc gal	Hypo gal	NaF lbs	4	5	6	Free chlorine residual mg/L
0	31	0				1.33
2	20	50				1.33
9	19	0				1.29
1	23	0				1.28
0	20	0				1.27
-1	20	50				1.22
0	23	50				1.27
2	28	0				1.26
1	21	0				1.24
1	24	50				1.21
-4	19	0				1.24
1	13	0				1.23
1	20	0				1.23
3	28	0				1.21
1	20	0				1.21
-2	22	0				1.21
1	17	0				1.21
1	17	0				1.23
1	15	0				1.20
1	21	0				1.19
0	19	0				1.18
4	27	0				1.13
1	26	0				1.11
1	17	0				1.13
0	25	0				1.11
0	22	0				1.10
1	21	0				1.11
1	18	0				1.23
1	9	0				1.28
1	24	550				1.29
0	24	0				1.20
27.40 (total)	654.63 (total)	750.00 (total)	(total)	(total)	(total)	1.10 (min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	29	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.12

BLDG - 206

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~June 2012~~ **JAN 2014**

Signature: Benjamin J. Baker # 3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	3221			
2	3287	1.5	.75	.97
3				
4	2718	1.5	.80	.91
5	2930	1.5	.80	.97
6	1,213	.5	.72	.88
7				
8	5720	3.0	.80	1.12
9	3529	1.75	.76	1.27
10	3502	1.75	.77	1.11
11				
12				
13	3813	2.0	.74	1.14
14	2,906	1.5	.77	1.12
15				
16	4511	2.0	.81	1.04
17	3,016	1.5	.82	1.17
18				
19	3042	1.5	.75	1.04
20				
21	2680	1.25	.71	.95
22	3421	1.75	.72	1.01
23	3,016	2.0	.80	.97
24	3169	1.25	.77	.98
25				
26	4457	2.25	.77	.99
27	1,262	.5	.80	.95
28	3357	1.5	.76	1.05
29				
30	6464	3.0	.83	1.07
31	3223	1.5	.77	1.07
Summary	71,246	35.0	-	

BLDG → 207

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus) # 3836

Reporting period: ~~June 2012~~ JAN 2014

Signature:

Benjamin J. Baker

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	3,000	1.5		
2	3,710	1.5	.77	.96
3		1.0		
4	2,339	1.0	.77	.92
5	3,274	1.5	.81	1.24
6	1,778	.5	.74	1.15
7	3,953	2.0	.80	.95
8	2,514	1.0	.79	1.06
9	2,917	1.0	.78	1.10
10	3,068	1.25	.79	1.11
11				
12	4,211	1.75	.80	1.01
13	2,075	1.0	.76	.89
14	3,711	1.5	.79	1.02
15				
16	5,137	2.0	.82	.96
17	2,630	1.25	.79	.88
18				
19	4,480	2.0	.78	.96
20				
21	3,576	1.75	.71	1.07
22	3,062	.75	.72	1.00
23	2,386	1.0	.79	.93
24	3,232	1.5	.73	.83
25				
26	6,181	2.5	.75	.90
27	1,826	1.0	.80	.91
28	2,270	1.25	.77	.82
29				
30	5,871	3.0	.78	.96
31	2,757	1.25	.82	.98
Summary	76,958	33.25		

Phone: (207) 622-3701

GREATER AUGUSTA UTILITY DISTRICT

Fax: (207) 622-4539

12 Williams Street
Augusta, ME 04330-5225
www.augustawater.org

BRIAN TARBUCK
General Manager

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March 6, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

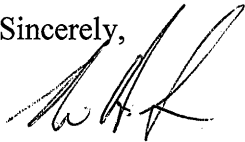
Dear Mr. Pushard:

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, 2014. You should find the following documents:

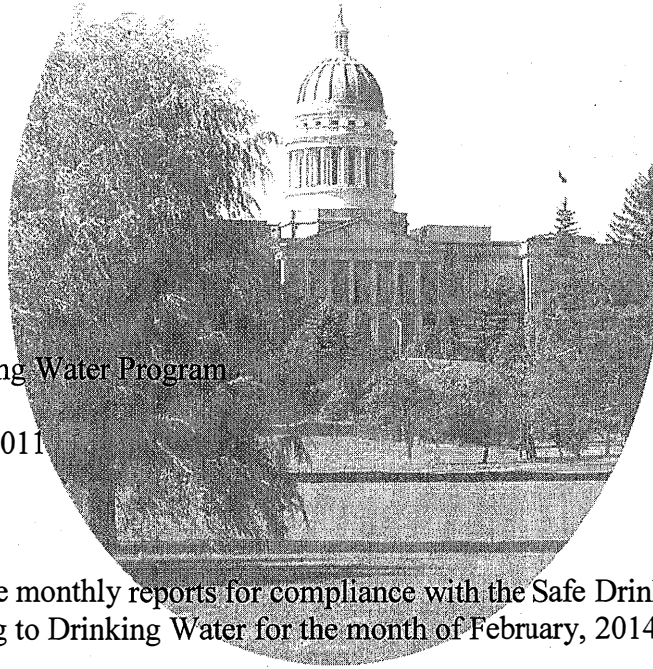
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2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Form.

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

Sincerely,



Brian Tarbuck, PE



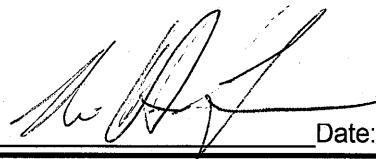
Monthly Fluoride Report
System Type - Fluoride Systems

System Name:	Greater Augusta Utility District
PWSID#:	90080
Reporting period:	February - 14

System Information

Treatment plant/pump station:	Triangle Station
Fluoride Chemical Used:	Sodium Fluoride

Notes: See notes below for specific operating conditions.

Signature:  Date: 3/6/2014

Date	GAUD mg/L	Location	HETL mg/l
2/19/2014 9:50	0.88	Triangle Station	0.90

Fluoride

General Note:

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.96	82.94	0.74	0.76
2	1.82	75.77	0.72	0.75
3	1.79	73.80	0.73	0.74
4	1.90	80.95	0.75	0.77
5	1.97	81.87	0.75	0.75
6	1.47	67.81	0.80	0.83
7	2.20	90.04	0.72	0.74
8	1.72	74.79	0.77	0.78
9	1.51	67.83	0.78	0.81
10	2.21	89.01	0.71	0.73
11	1.65	69.27	0.72	0.76
12	1.74	74.53	0.71	0.77
13	1.67	75.54	0.72	0.82
14	1.88	76.86	0.71	0.74
15	1.42	77.88	0.73	0.99
16	1.81	77.88	0.71	0.78
17	1.60	77.88	0.70	0.88
18	1.68	69.78	0.72	0.75
19	1.89	80.93	0.76	0.77
20	1.58	73.05	0.77	0.83
21	2.29	91.04	0.70	0.72
22	1.83	79.71	0.73	0.78
23	2.03	88.92	0.68	0.79
24	2.24	87.94	0.64	0.71
25	1.98	85.90	0.69	0.78
26	2.13	86.86	0.72	0.74
27	1.59	70.51	0.74	0.80
28	1.90	73.84	0.71	0.70
Avg	1.84	78.68	0.73	0.78
Min	1.42	67.81	0.64	0.70
Max	2.29	91.04	0.80	0.99
Total	51.44	2,203.12		

Bacteriological Report Form

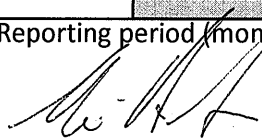
Utility: Greater Augusta Utility District, PWSID ME0090080
 Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.

June Mooney
 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	25
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform		Method		Lauryl Tryptose		
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WESTERN STA.	DIS	MOONEY	2-5-14/11:20	1.12	1.13	0.73	MOONEY	2-5-14/2:15	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	2-5-14/11:35	1.38	1.37	0.79	MOONEY	2-5-14/2:15	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	2-5-14/11:55	1.37	1.38	0.77	MOONEY	2-5-14/2:15	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	2-5-14/12:20	1.33	1.33	0.85	MOONEY	2-5-14/2:15	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	2-5-14/12:50	1.15	1.16	0.75	MOONEY	2-5-14/2:15	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	2-11-14/10:00	0.98	0.98	0.72	MOONEY	2-11-14/2:30	A	COLILERT					
7	WELLHOUSE	DIS	MOONEY	2-11-14/10:20	1.23	1.22	0.70	MOONEY	2-11-14/2:30	A	COLILERT					
8	NORTHWEST STA.	DIS	MOONEY	2-11-14/10:35	1.00	1.00	0.66	MOONEY	2-11-14/2:30	A	COLILERT					
9	WILLOW ST. STA.	DIS	MOONEY	2-11-14/11:00	0.99	0.99	0.75	MOONEY	2-11-14/2:30	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	2-11-14/11:20	1.16	1.16	0.75	MOONEY	2-11-14/2:30	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	2-11-14/11:35	0.94	0.94	0.71	MOONEY	2-11-14/2:30	A	COLILERT					
12	QUALITY INN	DIS	MOONEY	2-11-14/12:10	0.91	0.90	0.68	MOONEY	2-11-14/2:30	A	COLILERT					
13	MANCHESTER TOWN OFFICE	DIS	MOONEY	2-11-14/12:30	0.70	0.70	0.66	MOONEY	2-11-14/2:30	A	COLILERT					
14	GREYBIRCH	DIS	MOONEY	2-19-14/9:15	0.84	0.84	0.74	MOONEY	2-19-14/2:00	A	COLILERT					
15	WESTERN STA.	DIS	MOONEY	2-19-14/9:35	0.89	0.90	0.72	MOONEY	2-19-14/2:00	A	COLILERT					
16	WELLHOUSE	DIS	MOONEY	2-19-14/9:50	1.29	1.25	0.88	MOONEY	2-19-14/2:00	A	COLILERT					
17	NORTHWEST STA.	DIS	MOONEY	2-19-14/10:10	1.21	1.23	0.90	MOONEY	2-19-14/2:00	A	COLILERT					
18	K.V. CREDIT UNION	DIS	MOONEY	2-19-14/10:25	0.78	0.78	0.75	MOONEY	2-19-14/2:00	A	COLILERT					
19	12 WILLIAMS ST.	DIS	MOONEY	2-19-14/10:50	1.13	1.12	0.82	MOONEY	2-19-14/2:00	A	COLILERT					
20	HOSPITAL ST. STA.	DIS	MOONEY	2-19-14/11:10	1.09	1.08	0.79	MOONEY	2-19-14/2:00	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	2-25-14/9:55	0.87	0.87	0.79	MOONEY	2-25-14/1:30	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	2-25-14/10:10	1.18	1.15	0.84	MOONEY	2-25-14/1:30	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	2-25-14/10:30	1.06	1.07	0.72	MOONEY	2-25-14/1:30	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	2-25-14/11:00	1.16	1.15	0.80	MOONEY	2-25-14/1:30	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	2-25-14/11:20	1.01	1.01	0.79	MOONEY	2-25-14/1:30	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	2-10-14/7:45	0.01	0.01		MOONEY	2-10-14/11:00							0:4ML

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Select one	
PWSID#:	90080	Community System	<input checked="" type="checkbox"/>
Designated operator name and ME License #:	Brian Tarbuck 2026	Non-transient Non-community	<input type="checkbox"/>
e-mail address:	btarbuck@augustawater.org	Transient Non-Community	<input type="checkbox"/>
Reporting period (month and year):	February - 14	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 3/6/2014	List any operation problems or comments:	
		This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.	

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.23	0.97	0.75	1.96
2	0.42	0.62	0.79	1.82
3	0.35	0.70	0.74	1.79
4	0.21	1.15	0.54	1.90
5	0.31	1.15	0.50	1.97
6	0.00	1.18	0.30	1.47
7	0.36	1.13	0.71	2.20
8	0.21	1.18	0.34	1.72
9	0.18	1.16	0.18	1.51
10	0.38	1.14	0.68	2.21
11	0.26	0.65	0.73	1.65
12	0.37	0.58	0.79	1.74
13	0.19	0.75	0.72	1.67
14	0.44	0.70	0.75	1.88
15	0.12	0.53	0.77	1.42
16	0.33	0.74	0.73	1.81
17	0.29	0.52	0.79	1.60
18	0.11	0.85	0.73	1.68
19	0.30	1.16	0.43	1.89
20	0.07	1.16	0.35	1.58
21	0.62	1.12	0.55	2.29
22	0.33	1.16	0.34	1.83
23	0.19	1.14	0.69	2.03
24	0.40	1.15	0.69	2.24
25	0.18	1.13	0.67	1.98
26	0.26	1.15	0.72	2.13
27	0.06	0.76	0.76	1.59
28	0.00	1.16	0.74	1.90
Sum	7.15	26.80	17.49	51.44

Monthly Operating Report
System Type - All GW systems

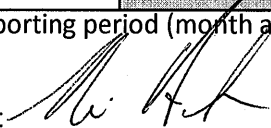
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **February - 14**

Signature:  Date: **3/6/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production				
Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.96	n/a	7.57	n/a
2	1.82	n/a	7.54	n/a
3	1.79	n/a	7.55	n/a
4	1.90	n/a	7.61	n/a
5	1.97	n/a	7.62	n/a
6	1.47	n/a	7.65	n/a
7	2.20	n/a	7.58	n/a
8	1.72	n/a	7.62	n/a
9	1.51	n/a	7.64	n/a
10	2.21	n/a	7.59	n/a
11	1.65	n/a	7.54	n/a
12	1.74	n/a	7.52	n/a
13	1.67	n/a	7.54	n/a
14	1.88	n/a	7.54	n/a
15	1.42	n/a	7.53	n/a
16	1.81	n/a	7.55	n/a
17	1.60	n/a	7.53	n/a
18	1.68	n/a	7.55	n/a
19	1.89	n/a	7.60	n/a
20	1.58	n/a	7.61	n/a
21	2.29	n/a	7.59	n/a
22	1.83	n/a	7.62	n/a
23	2.03	n/a	7.57	n/a
24	2.24	n/a	7.58	n/a
25	1.98	n/a	7.57	n/a
26	2.13	n/a	7.57	n/a
27	1.59	n/a	7.53	n/a
28	1.90	n/a	7.57	n/a
Summary	51.44		7.57	
	(total)	(avg.)	(avg.)	(min.)

From table below:

Chemical usage						Free chlorine residual
Calc	Hypo	NaF	4	5	6	
gal	gal	lbs				mg/L
0	24	0				1.17
0	21	0				1.16
1	21	50				1.16
1	21	0				1.14
1	20	0				1.24
-1	22	0				1.27
-1	11	0				1.22
3	23	0				1.19
1	16	0				1.18
0	15	50				1.19
1	21	0				1.22
1	15	0				1.22
1	20	50				1.21
0	15	50				1.19
1	19	0				1.21
1	15	0				1.20
0	16	0				1.20
1	17	100				1.19
0	15	0				1.17
0	18	0				1.18
0	16	50				1.14
1	22	0				1.15
1	18	0				1.16
1	19	100				1.15
1	23	0				1.15
2	19	50				1.13
-1	11	0				1.19
0	19	0				1.24
17.73	511.99	500.00				1.13
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

List units: (i.e. lbs, gal)

Chemicals Used
(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.07

BLDG → 206

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~Jan, 2012~~ FEB 2014

Signature:

Benjamin J Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2	3689	2.0	.83	1.07
3	2173	1.0	.88	1.09
4				
5				
6	8102	4.25	.93	1.39
7	2,934	1.25	.84	1.29
8				
9	4,534	2.0	.88	1.11
10	1,565	1.0	.81	1.05
11	3,635	1.5	.80	1.00
12	3,712	1.5	.77	1.01
13	3,687	1.75	.78	1.02
14	1,854	1.00	.84	1.13
15	2,251	1.25	.80	1.00
16				
17				
18	4,528	2.75	.79	.92
19	2,874	1.50	.77	.94
20	2,252	1.0	.78	1.03
21	3,069	1.75	.78	1.01
22				
23	2,982	1.75	.67	1.06
24	1,756	.75	.77	1.01
25	2,776	1.5	.82	1.08
26	3,693	2.0	.83	1.06
27	3,521	1.75	.84	1.31
28	1,857	.75	.83	1.13
29				
30				
31				
Summary	67,444	34.0		

BLDG - 207

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~Jan 2014~~ FEB 2014

Signature: Benjamin J. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2	5,439	2.75	.83	.99
3	2,774	1.25	.90	1.17
4				
5				
6	9,650	5.25	.91	1.23
7	2,982	1.75	.86	1.24
8				
9	6,397	3.0	.90	1.22
10	2,174	1.0	.84	1.29
11	3,090	2.0	.76	1.02
12	3,546	1.5	.82	1.13
13	3,563	1.5	.82	1.11
14	2,136	1.0	.82	1.18
15	3,165	2.0	.82	1.11
16				
17				
18	7,167	2.5	.79	.89
19	2,921	1.0	.76	.95
20	3,096	1.75	.72	.95
21	3,321	1.75	.71	1.02
22				
23	5,367	2.5	.72	1.12
24	2,835	1.75	.79	1.00
25	2,521	1.25	.82	1.18
26	2,986	1.50	.82	1.16
27	2,905	1.50	.78	.90
28	2,388	1.0	.78	1.05
29				
30				
31				
Summary	80,423	39.5		

12 Williams Street

Augusta, ME 04330-5225

www.greteraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:

KENNETH R. KNIGHT, Chair
DAVID P. SMITH, Vice Chair
STEPHEN J. ROBERGE, Clerk
CHARLENE HAMIWKA, Treasurer

TRUSTEES:

DAVE BUSTIN
LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

April 7, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

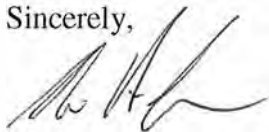
Dear Mr. Pushard:

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, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report;
5. Togus VA Small Water System Chlorination Report Form; and
6. East Pittston Total Coliform Monitoring Report (PWSID: 92255)

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

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

System Name: **Greater Augusta Utility District**

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

PWSID#: **90080**

Reporting period: **March - 14**

Notes: See notes below for specific operating conditions.

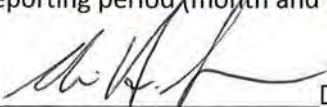
Signature:  Date: **4/7/2014**

Date	GAUD mg/L	Location	HETL mg/l
3/10/2014 10:35	0.72	Triangle Station	0.70

Fluoride

General Note:

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.80	66.82	0.62	0.67
2	1.63	59.64	0.63	0.66
3	2.05	68.74	0.63	0.60
4	1.67	62.71	0.64	0.68
5	1.99	71.78	0.66	0.65
6	1.91	69.70	0.35	0.66
7	1.90	71.65	0.47	0.68
8	1.96	73.82	0.65	0.68
9	1.41	52.56	0.48	0.67
10	1.95	65.58	0.62	0.61
11	1.87	69.77	0.61	0.67
12	2.00	82.79	0.70	0.74
13	1.80	84.81	0.73	0.85
14	1.65	77.88	0.78	0.85
15	2.03	79.85	0.74	0.71
16	2.42	92.94	0.70	0.69
17	1.54	96.99	0.75	1.13
18	2.13	81.84	0.72	0.69
19	1.79	85.90	0.68	0.86
20	2.02	81.78	0.69	0.73
21	1.88	80.77	0.71	0.77
22	1.81	82.93	0.73	0.82
23	1.64	80.91	0.72	0.89
24	1.91	79.87	0.73	0.75
25	2.01	80.88	0.69	0.72
26	1.71	77.82	0.79	0.82
27	2.29	83.84	0.66	0.66
28	1.60	88.89	0.80	1.00
29	1.96	83.95	0.73	0.77
30	1.78	86.97	0.66	0.88
31	1.77	69.82	0.70	0.71
Avg	1.87	77.23	0.67	0.75
Min	1.41	52.56	0.35	0.60
Max	2.42	96.99	0.80	1.13
Total	57.88	2,394.17		

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Select one	
PWSID#:	90080	Community System	<input checked="" type="checkbox"/>
Designated operator name and ME License #:	Brian Tarbuck 2026	Non-transient Non-community	<input type="checkbox"/>
e-mail address:	btarbuck@augustawater.org	Transient Non-Community	<input type="checkbox"/>
Reporting period (month and year):	March - 13	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 4/7/2014	List any operation problems or comments:	
		This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.	

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.21	0.83	0.77	1.80
2	0.21	0.69	0.72	1.63
3	0.34	0.99	0.71	2.05
4	0.32	0.86	0.49	1.67
5	0.13	1.12	0.74	1.99
6	0.05	1.15	0.71	1.91
7	0.21	1.13	0.56	1.90
8	0.38	1.14	0.45	1.96
9	0.05	1.17	0.18	1.41
10	0.49	0.78	0.68	1.95
11	0.51	0.68	0.68	1.87
12	0.53	0.85	0.63	2.00
13	0.41	0.65	0.74	1.80
14	0.08	0.88	0.69	1.65
15	0.41	0.95	0.67	2.03
16	0.77	1.08	0.57	2.42
17	0.27	0.94	0.33	1.54
18	0.30	1.13	0.69	2.13
19	0.29	1.12	0.38	1.79
20	0.47	1.13	0.42	2.02
21	0.05	1.14	0.69	1.88
22	0.00	1.13	0.68	1.81
23	0.00	1.17	0.47	1.64
24	0.33	0.93	0.64	1.91
25	0.47	0.85	0.69	2.01
26	0.34	0.71	0.67	1.71
27	0.62	1.04	0.64	2.29
28	0.17	0.81	0.62	1.60
29	0.29	1.01	0.66	1.96
30	0.39	0.67	0.72	1.78
31	0.16	0.94	0.67	1.77
Sum	9.28	29.66	18.94	57.88

Monthly Operating Report
System Type - All GW systems

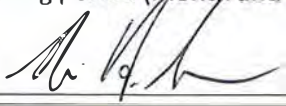
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **March - 13**

Signature:  Date: **4/7/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System

Non-transient Non-community

Transient Non-Community

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.80	n/a	7.54	n/a
2	1.63	n/a	7.54	n/a
3	2.05	n/a	7.56	n/a
4	1.67	n/a	7.58	n/a
5	1.99	n/a	7.56	n/a
6	1.91	n/a	7.56	n/a
7	1.90	n/a	7.58	n/a
8	1.96	n/a	7.60	n/a
9	1.41	n/a	7.63	n/a
10	1.95	n/a	7.54	n/a
11	1.87	n/a	7.53	n/a
12	2.00	n/a	7.55	n/a
13	1.80	n/a	7.53	n/a
14	1.65	n/a	7.54	n/a
15	2.03	n/a	7.57	n/a
16	2.42	n/a	7.58	n/a
17	1.54	n/a	7.59	n/a
18	2.13	n/a	7.57	n/a
19	1.79	n/a	7.60	n/a
20	2.02	n/a	7.61	n/a
21	1.88	n/a	7.57	n/a
22	1.81	n/a	7.56	n/a
23	1.64	n/a	7.60	n/a
24	1.91	n/a	7.56	n/a
25	2.01	n/a	7.55	n/a
26	1.71	n/a	7.54	n/a
27	2.29	n/a	7.57	n/a
28	1.60	n/a	7.55	n/a
29	1.96	n/a	7.57	n/a
30	1.78	n/a	7.53	n/a
31	1.77	n/a	7.55	n/a
Summary	57.88		7.56	
	(total)	(avg.)	(avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/L
2	18	100				1.23
0	16	0				1.23
1	16	0				1.21
2	20	0				1.20
0	16	50				1.20
2	19	50				1.20
0	19	0				1.18
0	17	0				1.14
1	19	0				1.22
2	16	100				1.14
1	18	0				0.94
-2	20	0				1.03
5	20	0				1.14
-2	20	100				1.16
1	15	0				1.07
1	21	0				1.03
-1	25	0				1.02
1	14	0				1.02
1	16	0				1.04
3	23	50				1.04
1	20	0				0.86
1	20	0				1.08
0	17	0				1.10
2	18	100				1.23
0	20	0				1.19
1	20	100				1.13
0	18	0				1.17
-3	19	100				1.15
2	17	0				1.12
-1	17	0				1.11
3	23	100				1.10
22.56	580.22	850.00				0.86
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.06

Monthly Operating Report
System Type - All GW systems

BLOG → 207

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~June 2013~~ MAR 2014

Signature: B. Baker # 3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2	6,164	3.0	.79	.94
3	1,962	1.0	.73	1.19
4	3,641	1.75	.74	.92
5	2,483	1.25	.74	1.00
6				
7	6,051	3.0	.73	.90
8				
9	7,296	4.0	.77	.98
10	2,086	1.0	.75	1.08
11	3,150	1.25	.77	1.04
12	3,240	2.0	.80	1.08
13	4,021	2.0	.74	.80
14	4,716	2.5	.81	1.10
15				
16	6,086	3.0	.79	1.01
17	1,852	1.0	.82	.85
18	3,272	1.5	.79	.91
19	3,261	1.5	.77	1.04
20				
21	5,368	2.5	.82	.96
22				
23	6,287	3.0	.74	.78
24	3,251	1.5	.77	.84
25				
26				
27	7,590	4.0	.77	.96
28	2,926	1.5	.80	1.12
29				
30	6,403	3.25	.82	.91
31	3,173	1.75	.84	1.13
Summary	94,278.0	47.25		

Monthly Operating Report
System Type - All GW systems

BLDG → 206

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~June 2012~~ MAR 2014

Signature:

Benjamin J Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2	14,274	4.0	.78	.91
3	1,268	.5	.75	1.10
4	3,140	1.5	.74	1.05
5	3,059	1.25	.70	1.27
6				
7	5,780	3.0	.80	1.09
8				
9	5,099	3.0	.76	1.29
10	1,677	.75	.79	1.18
11				
12	7,329	3.25	.77	1.13
13	3,121	1.75	.77	1.20
14	3,571	1.50	.80	1.07
15				
16	3,679	2.0	.79	1.00
17	1,578	.75	.79	1.01
18	4,339	2.25	.77	1.00
19	3,434	1.50	.76	1.11
20				
21	4,848	2.5	.83	1.21
22				
23	4,159	2.0	.71	.92
24	2,933	1.5	.76	1.26
25				
26				
27				
28	11,286	6.0	.85	1.03
29				
30	1,474	1.0	.84	1.11
31	4,085	2.0	.81	1.02
Summary	90,133.0	42.0		

MAINE DRINKING WATER PROGRAM

TOTAL COLIFORM BACTERIA RESULTS

Please read the sampling instructions on the back of this form. Sample Collector must fill out shaded sections.

For small water systems taking less than 10 samples per month.

Water Test Results for the Month:

March

Year:

2014

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	242-6252
PWSID#:	92255
Address:	1200 East Pittston Road Pittston Maine 04395
Sample Category (1):	Bacti
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME00012
Lab mgr. name:	Jane Mooney
Lab phone #:	623 4633 x 229

#	Sample collection point	Date & time sample was taken	Laboratory sample ID #	Date & time sample was processed	Total Coliform count	Noncoliform count (Mem. filtration only)	Fecal coliform or E. Coli (2)	EPA/STD Method
1	Village Store East Pittston	3/19/14 17:15	140322	3/20 @ 3:00	negative			9223B
2								
3								
4								

I (we) understand this report will be submitted to the Maine Drinking Water Program.

Sampler's Signature:

Bill Wilkinson

Laboratory signature:

Jane Mooney

(1) Routine Compliance, Recheck, Operation & Maintenance, Raw Water, or Special Purpose.

(2) Fecal Coliform or E. Coli analysis must be performed on all Coliform positive samples.

Rev:
12/98

Phone: (207) 622-3701

GREATER AUGUSTA UTILITY DISTRICT

Fax: (207) 622-4539

12 Williams Street
Augusta, ME 04330-5225

www.greteraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:

KENNETH R. KNIGHT, Chair
DAVID P. SMITH, Vice Chair
CHARLENE HAMIWKA, Treasurer
DAVE BUSTIN

TRUSTEES:

LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

May 8, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

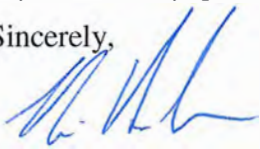
Dear Mr. Pushard:

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 April, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Form.

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

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **April - 13**

System Information

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: 5/7/2014

Date	GAUD mg/L	Location	HETL mg/l
4/13/2014 9:30	0.66	Triangle Station	0.60

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.58	73.86	0.72	0.84
2	2.38	93.89	0.70	0.71
3	2.05	97.93	0.71	0.86
4	1.83	80.49	0.60	0.79
5	1.44	68.72	0.60	0.86
6	1.83	68.65	0.60	0.68
7	1.94	73.71	0.72	0.69
8	1.61	67.68	0.68	0.76
9	2.40	86.87	0.64	0.65
10	2.06	91.93	0.69	0.80
11	2.25	79.77	0.71	0.64
12	1.58	83.75	0.69	0.96
13	1.79	63.58	0.65	0.64
14	1.70	68.63	0.62	0.73
15	2.14	67.76	0.55	0.57
16	1.90	68.77	0.55	0.65
17	1.27	66.61	0.59	0.94
18	2.21	68.72	0.58	0.56
19	1.85	72.74	0.59	0.71
20	1.69	62.55	0.59	0.66
21	1.83	59.59	0.56	0.59
22	2.08	63.64	0.63	0.55
23	2.19	68.65	0.58	0.56
24	1.73	71.67	0.57	0.74
25	1.92	53.61	0.30	0.50
26	2.03	35.30	0.00	0.31
27	1.71	0.00	0.00	0.00
28	1.84	0.00	0.00	0.00
29	2.22	49.41	0.31	0.40
30	1.95	59.60	0.59	0.55
Avg	1.90	65.60	0.54	0.63
Min	1.27	0.00	0.00	0.00
Max	2.40	97.93	0.72	0.96
Total	57.02	1,968.05		


General Note:

Fluoride offline from April 25 through April 28 because of meter problems.

Bacteriological Report Form

Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.


 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	29
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform		Method	Lauryl Tryptose			EC 44.5c	HPC 48 hrs
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green			
1	WESTERN STA.	DIS	MOONEY	4-2-14/9:05	0.91	0.94	0.75	MOONEY	4-2-14/1:15	A	COLILERT						
2	WELLHOUSE	DIS	MOONEY	4-2-14/9:25	1.30	1.30	0.75	MOONEY	4-2-14/1:15	A	COLILERT						
3	NORTHWEST STA.	DIS	MOONEY	4-2-14/9:45	1.17	1.19	0.71	MOONEY	4-2-14/1:15	A	COLILERT						
4	WILLOW ST. STA.	DIS	MOONEY	4-2-14/10:05	0.95	0.97	0.74	MOONEY	4-2-14/1:15	A	COLILERT						
5	12 WILLIAMS ST.	DIS	MOONEY	4-2-14/10:25	1.29	1.29	0.70	MOONEY	4-2-14/1:15	A	COLILERT						
6	HOSPITAL ST. STA.	DIS	MOONEY	4-2-14/10:45	1.22	1.21	0.69	MOONEY	4-2-14/1:15	A	COLILERT						
7	QUALITY INN	DIS	MOONEY	4-2-14/11:15	0.83	0.83	0.70	MOONEY	4-2-14/1:15	A	COLILERT						
8	WESTERN STA.	DIS	MOONEY	4-8-14/9:05	1.25	1.26	1.03	MOONEY	4-8-14/11:30	A	COLILERT						
9	WELLHOUSE	DIS	MOONEY	4-8-14/9:25	1.30	1.29	0.69	MOONEY	4-8-14/11:30	A	COLILERT						
10	NORTHWEST STA.	DIS	MOONEY	4-8-14/9:45	1.38	1.36	0.73	MOONEY	4-8-14/11:30	A	COLILERT						
11	12 WILLIAMS ST.	DIS	MOONEY	4-8-14/10:05	1.24	1.22	0.76	MOONEY	4-8-14/11:30	A	COLILERT						
12	HOSPITAL ST. STA.	DIS	MOONEY	4-8-14/10:25	1.14	1.14	0.76	MOONEY	4-8-14/11:30	A	COLILERT						
13	WESTERN STA.	DIS	MOONEY	4-15-14/10:15	0.92	0.91	0.77	MOONEY	4-15-14/2:00	A	COLILERT						
14	WELLHOUSE	DIS	MOONEY	4-15-14/11:10	1.21	1.19	0.59	MOONEY	4-15-14/2:00	A	COLILERT						
15	NORTHWEST STA.	DIS	MOONEY	4-15-14/11:25	1.24	1.23	0.60	MOONEY	4-15-14/2:00	A	COLILERT						
16	12 WILLIAMS ST.	DIS	MOONEY	4-15-14/11:55	1.25	1.24	0.70	MOONEY	4-15-14/2:00	A	COLILERT						
17	HOSPITAL ST. STA.	DIS	MOONEY	4-15-14/12:15	1.18	1.18	0.69	MOONEY	4-15-14/2:00	A	COLILERT						
18	TOGUS STA.	DIS	MOONEY	4-16-14/10:25	0.85	0.85	0.75	MOONEY	4-16-14/1:15	A	COLILERT						
19	WESTERN STA.	DIS	MOONEY	4-22-14/11:00	0.90	0.89	0.74	MOONEY	4-22-14/2:30	A	COLILERT						
20	MANCHESTER TOWN OFFICE	DIS	MOONEY	4-22-14/11:25	0.70	0.69	0.71	MOONEY	4-22-14/2:30	A	COLILERT						
21	WELLHOUSE	DIS	MOONEY	4-22-14/11:45	1.26	1.24	0.82	MOONEY	4-22-14/2:30	A	COLILERT						
22	NORTHWEST STA.	DIS	MOONEY	4-22-14/12:00	1.14	1.15	0.57	MOONEY	4-22-14/2:30	A	COLILERT						
23	12 WILLIAMS ST.	DIS	MOONEY	4-22-14/12:30	1.28	1.29	0.85	MOONEY	4-22-14/2:30	A	COLILERT						
24	HOSPITAL ST. STA.	DIS	MOONEY	4-22-14/12:50	1.05	1.05	0.73	MOONEY	4-22-14/2:30	A	COLILERT						
25	WESTERN STA.	DIS	MOONEY	4-29-14/8:55	0.93	0.93	0.51	MOONEY	4-29-14/11:30	A	COLILERT						
26	WELLHOUSE	DIS	MOONEY	4-29-14/9:15	1.27	1.26	0.57	MOONEY	4-29-14/11:30	A	COLILERT						
27	NORTHWEST STA.	DIS	MOONEY	4-29-14/9:30	1.20	1.20	0.56	MOONEY	4-29-14/11:30	A	COLILERT						
28	12 WILLIAMS ST.	DIS	MOONEY	4-29-14/9:55	1.22	1.19	<.2	MOONEY	4-29-14/11:30	A	COLILERT						
29	HOSPITAL ST. STA.	DIS	MOONEY	4-29-14/10:15	1.10	1.11	<.2	MOONEY	4-29-14/11:30	A	COLILERT						
*	LAB DISTILLED WATER	QC	MOONEY	4-14-14/10:15	0.00	0.00		MOONEY	4-14-14/11:10								0:4ml

Monthly Well Production Report
System Type - All GW systems

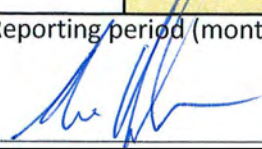
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and
ME License #: **Brian Tarbuck**
2026

e-mail address: btarbuck@augustawater.org

Reporting period (month and year): **April - 13**

Signature:  Date: **5/7/2014**

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.27	0.79	0.52	1.58
2	0.76	1.08	0.55	2.38
3	0.43	1.01	0.62	2.05
4	0.46	0.72	0.65	1.83
5	0.21	0.50	0.73	1.44
6	0.41	0.68	0.73	1.83
7	0.45	0.86	0.63	1.94
8	0.37	0.63	0.60	1.61
9	0.76	1.08	0.56	2.40
10	0.23	1.15	0.68	2.06
11	0.46	1.14	0.65	2.25
12	0.13	0.74	0.70	1.58
13	0.34	0.73	0.72	1.79
14	0.13	0.87	0.71	1.70
15	0.43	1.07	0.64	2.14
16	0.50	0.69	0.71	1.90
17	0.07	0.76	0.44	1.27
18	0.39	1.14	0.68	2.21
19	0.23	1.16	0.46	1.85
20	0.17	1.16	0.36	1.69
21	0.10	1.18	0.55	1.83
22	0.32	1.12	0.64	2.08
23	0.37	1.13	0.69	2.19
24	0.18	1.17	0.38	1.73
25	0.26	1.14	0.52	1.92
26	0.28	1.14	0.61	2.03
27	0.26	1.18	0.27	1.71
28	0.30	1.14	0.40	1.84
29	0.34	1.15	0.73	2.22
30	0.40	0.78	0.77	1.95
Sum	10.00	29.10	17.91	57.02

Monthly Operating Report
System Type - All GW systems

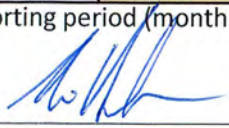
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **April - 13**

Signature:  Date: **5/7/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.58	n/a	7.56	n/a
2	2.38	n/a	7.58	n/a
3	2.05	n/a	7.57	n/a
4	1.83	n/a	7.55	n/a
5	1.44	n/a	7.52	n/a
6	1.83	n/a	7.54	n/a
7	1.94	n/a	7.57	n/a
8	1.61	n/a	7.55	n/a
9	2.40	n/a	7.60	n/a
10	2.06	n/a	7.58	n/a
11	2.25	n/a	7.59	n/a
12	1.58	n/a	7.54	n/a
13	1.79	n/a	7.54	n/a
14	1.70	n/a	7.55	n/a
15	2.14	n/a	7.59	n/a
16	1.90	n/a	7.55	n/a
17	1.27	n/a	7.55	n/a
18	2.21	n/a	7.59	n/a
19	1.85	n/a	7.62	n/a
20	1.69	n/a	7.63	n/a
21	1.83	n/a	7.61	n/a
22	2.08	n/a	7.60	n/a
23	2.19	n/a	7.59	n/a
24	1.73	n/a	7.63	n/a
25	1.92	n/a	7.60	n/a
26	2.03	n/a	7.60	n/a
27	1.71	n/a	7.64	n/a
28	1.84	n/a	7.62	n/a
29	2.22	n/a	7.59	n/a
30	1.95	n/a	7.56	n/a
Summary	57.02		7.58	

(total) (avg.) (avg.) (min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/L
1	15	0				1.17
1	18	0				1.33
0	27	0				1.23
-2	21	0				1.35
2	20	0				1.20
0	16	0				1.18
0	21	0				1.29
-1	20	0				1.04
2	14	0				1.28
0	23	0				1.24
1	20	50				1.24
1	23	0				1.20
1	14	0				1.23
0	17	100				1.20
0	15	0				1.23
0	21	0				1.25
2	21	0				1.20
1	10	0				1.38
0	23	0				1.26
1	20	0				1.22
0	15	0				1.16
1	17	100				0.92
-3	20	0				1.17
1	19	100				1.24
2	18	0				1.27
0	21	0				1.24
1	18	0				1.18
1	16	0				1.20
1	19	0				1.25
1	22	0				1.25
16.12	565.18	350.00				0.92

(total) (total) (total) (total) (total) (total) (min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	29	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.13

BLDG - 206

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA
PWSID#: 90080
Operator: Ben Baker (Togus)
Reporting period: ~~June 2012~~ APR 2014

Signature: B. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	2,096	1.0	.87	1.12
2	2,795	1.25	.87	1.02
3	2,729	1.5	.84	1.06
4	2,375	1.0	.76	1.07
5				
6	2,185	1.25	.80	.99
7	2,000	1.25	.84	.90
8	2,541	1.0	.83	1.25
9				
10				
11	7,664	3.0	.81	1.12
12				
13	1,934	.75	.76	1.00
14	2,800	1.75	.88	1.09
15	2,629	1.50	.84	.93
16	2,584	1.0	.73	1.15
17				
18	4,506	2.5	.80	1.11
19				
20				
21	4,816	2.5	.80	1.00
22	2,008	2.0	.82	1.32
23	2,238	1.25	.81	1.11
24	1,651	.75	.75	1.30
25	11,320	6.0	.78	.94
26				
27	2,981	2.0	.77	1.00
28	1,127	.75	.77	1.06
29	2,828	1.25	.77	1.07
30	2,835	1.25	.78	1.03
31				
Summary	70,142	36.5		

BLDG - 207

Monthly Operating Report
System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus) APR 2014

Reporting period: June, 2012

Signature: _____

Benjamin Q Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	2,847	1.25	.81	1.08
2	3,213	1.50	.82	1.13
3	3,353	1.75	.84	1.12
4	3,729	2.00	.78	1.00
5				
6	2,993	4.0	.77	1.10
7	2,320	1.25	.84	1.14
8	3,709	2.0	.77	1.15
9				
10				
11	10,110	5.0	.77	1.11
12				
13	6,191	3.0	.76	1.14
14	1,937	1.0	.69	.83
15	3,545	2.0	.81	1.12
16	4,131	2.0	.81	.95
17				
18	6,823	3.5	.82	1.23
19				
20	7,005	4.0	.81	1.12
21	2,579	1.5	.79	.95
22	3,219	1.75	.85	1.19
23	3,908	2.0	.81	1.10
24	3,055	1.5	.74	1.21
25	3,520	1.75	.68	1.07
26				
27	6,949	3.5	.69	1.01
28	3,613	1.75	.68	.91
29	3,817	1.75	.66	.87
30	3,396	2.0	.69	1.00
31				
Summary	100,912	52.75 -		

Brian Tarbuck, General Manager
btarbuck@greataugustautilitydistrict.org

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kknight@greataugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greataugustautilitydistrict.org

Charlene Hamiwka, Treasurer
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Andy McPherson, Clerk / Hallowell voting member
amcpherson@greataugustautilitydistrict.org



Dave Bustin, Hallowell ex-officio member
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Don Roberts
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Sukey Sikora
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Lesley Jones, Augusta ex-officio member
ljones@greataugustautilitydistrict.org

June 10, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 May, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Form.

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

Sincerely,

Brian Tarbuck
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

System Name: **Greater Augusta Utility District**

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

PWSID#: **90080**

Reporting period: **May - 14**

Notes: See notes below for specific operating conditions.

Signature:  Date: **6/6/2014**

Date	GAUD mg/L	Location	HETL mg/l
5/9/2014 11:10	0.61	Triangle Station	0.60

Fluoride

General Note:

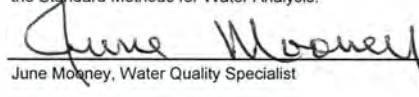
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.79	58.61	0.57	0.59
2	2.16	68.72	0.66	0.57
3	1.62	51.49	0.60	0.57
4	1.88	61.68	0.56	0.59
5	1.80	58.59	0.62	0.58
6	2.10	68.62	0.57	0.59
7	1.78	59.74	0.67	0.60
8	2.04	75.70	0.62	0.67
9	2.22	86.83	0.64	0.71
10	1.57	62.51	0.66	0.72
11	2.17	84.73	0.63	0.70
12	1.97	76.73	0.66	0.70
13	2.02	78.90	0.66	0.70
14	2.14	81.83	0.66	0.69
15	2.07	80.75	0.66	0.70
16	1.90	67.69	0.57	0.64
17	1.78	59.48	0.57	0.60
18	1.67	58.50	0.57	0.63
19	1.81	34.26	0.34	0.34
20	2.35	51.56	0.24	0.39
21	1.95	71.72	0.59	0.66
22	1.83	64.65	0.63	0.64
23	2.34	80.78	0.63	0.62
24	2.54	87.01	0.61	0.62
25	1.66	60.64	0.64	0.66
26	1.79	67.83	0.61	0.68
27	1.99	65.70	0.64	0.60
28	1.39	48.18	0.60	0.62
29	2.61	87.93	0.52	0.61
30	1.96	69.74	0.57	0.64
31	1.92	67.69	0.56	0.63
Avg	1.96	67.70	0.59	0.62
Min	1.39	34.26	0.24	0.34
Max	2.61	87.93	0.67	0.72
Total	60.82	2,098.79		

Fluoridation system taken offline for cleaning.
 Fluoridation system returned to service.

Bacteriological Report Form

Utility: **Greater Augusta Utility District, PWSID ME0090080**
 Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.


 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	25
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform	Method	Lauryl Tryptose				
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WESTERN STA.	DIS	MOONEY	5-7-14/11:05	0.90	0.89	0.59	MOONEY	5-7-14/3:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	5-7-14/11:30	1.19	1.18	0.91	MOONEY	5-7-14/3:00	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	5-7-14/12:10	1.13	1.12	0.63	MOONEY	5-7-14/3:00	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	5-7-14/12:40	1.12	1.11	0.63	MOONEY	5-7-14/3:00	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	5-7-14/1:00	1.07	1.06	0.62	MOONEY	5-7-14/3:00	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	5-13-14/8:00	0.89	0.89	0.63	MOONEY	5-13-14/10:15	A	COLILERT					
7	MANCHESTER TOWN OFFICE	DIS	MOONEY	5-13-14/8:20	0.69	0.68	0.62	MOONEY	5-13-14/10:15	A	COLILERT					
8	HOSPITAL ST. STA.	DIS	MOONEY	5-14-14/10:00	1.03	1.01	0.68	MOONEY	5-14-14/1:30	A	COLILERT					
9	12 WILLIAMS ST.	DIS	MOONEY	5-14-14/10:25	1.20	1.19	0.70	MOONEY	5-14-14/1:30	A	COLILERT					
10	WILLOW ST. STA.	DIS	MOONEY	5-14-14/10:40	1.02	1.00	0.69	MOONEY	5-14-14/1:30	A	COLILERT					
11	NORTHWEST STA.	DIS	MOONEY	5-14-14/11:05	1.26	1.26	0.73	MOONEY	5-14-14/1:30	A	COLILERT					
12	WELLHOUSE	DIS	MOONEY	5-14-14/11:30	1.16	1.14	0.71	MOONEY	5-14-14/1:30	A	COLILERT					
13	WESTERN STA.	DIS	MOONEY	5-19-14/10:50	0.95	0.94	0.68	MOONEY	5-19-14/1:50	A	COLILERT					
14	WELLHOUSE	DIS	MOONEY	5-19-14/11:10	1.25	1.24	0.61	MOONEY	5-19-14/1:50	A	COLILERT					
15	NORTHWEST STA.	DIS	MOONEY	5-19-14/11:25	1.12	1.13	0.58	MOONEY	5-19-14/1:50	A	COLILERT					
16	12 WILLIAMS ST.	DIS	MOONEY	5-19-14/11:45	1.22	1.21	0.61	MOONEY	5-19-14/1:50	A	COLILERT					
17	HOSPITAL ST. STA.	DIS	MOONEY	5-19-14/12:00	1.11	1.10	0.61	MOONEY	5-19-14/1:50	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	5-27-14/8:50	1.07	1.07	0.67	MOONEY	5-27-14/1:30	A	COLILERT					
19	12 WILLIAMS ST.	DIS	MOONEY	5-27-14/9:10	1.14	1.12	0.68	MOONEY	5-27-14/1:30	A	COLILERT					
20	NORTHWEST STA.	DIS	MOONEY	5-27-14/9:35	1.11	1.11	0.66	MOONEY	5-27-14/1:30	A	COLILERT					
21	K. V. CREDITUNION	DIS	MOONEY	5-27-14/9:55	0.73	0.72	0.62	MOONEY	5-27-14/1:30	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	5-27-14/10:15	1.05	1.02	0.64	MOONEY	5-27-14/1:30	A	COLILERT					
23	WESTERN STA.	DIS	MOONEY	5-27-14/10:45	1.08	1.06	0.63	MOONEY	5-27-14/1:30	A	COLILERT					
24	GREYBIRCH	DIS	MOONEY	5-27-14/11:10	0.83	0.82	0.61	MOONEY	5-27-14/1:30	A	COLILERT					
25	QUALITY INN	DIS	MOONEY	5-27-14/11:30	0.75	0.76	0.61	MOONEY	5-27-14/1:30	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	5-12-14/7:30	0.00	0.00		MOONEY	5-12-14/8:45							0:4ML

Monthly Well Production Report

System Type - All GW systems

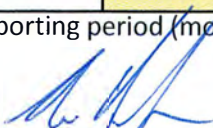
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: btarbuck@augustawater.org

Reporting period (month and year): **May - 14**

Signature:  Date: 6/6/2014

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.14	0.89	0.76	1.79
2	0.24	1.17	0.76	2.16
3	0.16	0.69	0.76	1.62
4	0.43	0.68	0.76	1.88
5	0.41	0.70	0.69	1.80
6	0.57	1.17	0.37	2.10
7	0.60	1.18	0.00	1.78
8	0.67	1.16	0.22	2.04
9	0.70	1.16	0.35	2.22
10	0.33	1.20	0.04	1.57
11	0.89	1.16	0.12	2.17
12	0.39	1.18	0.40	1.97
13	0.12	1.16	0.74	2.02
14	0.21	1.17	0.76	2.14
15	0.40	0.91	0.75	2.07
16	0.41	0.76	0.74	1.90
17	0.08	0.91	0.79	1.78
18	0.06	0.78	0.82	1.67
19	0.32	0.84	0.65	1.81
20	0.50	1.15	0.70	2.35
21	0.46	0.73	0.77	1.95
22	0.21	0.88	0.75	1.83
23	0.43	1.17	0.74	2.34
24	0.79	1.12	0.63	2.54
25	0.28	0.62	0.76	1.66
26	0.28	0.76	0.75	1.79
27	0.05	1.18	0.75	1.99
28	0.17	0.62	0.59	1.38
29	0.84	1.13	0.64	2.61
30	0.42	0.81	0.73	1.96
31	0.41	0.80	0.73	1.93
Sum	11.97	29.85	19.00	60.82

Monthly Operating Report
System Type - All GW systems

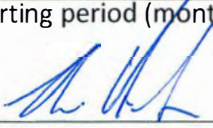
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **May - 14**

Signature:  Date: **6/6/2014**

System Information

Treatment plant pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.79	n/a	7.55	n/a
2	2.16	n/a	7.58	n/a
3	1.62	n/a	7.55	n/a
4	1.88	n/a	7.55	n/a
5	1.80	n/a	7.56	n/a
6	2.10	n/a	7.62	n/a
7	1.78	n/a	7.64	n/a
8	2.04	n/a	7.63	n/a
9	2.22	n/a	7.62	n/a
10	1.57	n/a	7.63	n/a
11	2.17	n/a	7.63	n/a
12	1.97	n/a	7.62	n/a
13	2.02	n/a	7.58	n/a
14	2.14	n/a	7.58	n/a
15	2.07	n/a	7.56	n/a
16	1.90	n/a	7.56	n/a
17	1.78	n/a	7.56	n/a
18	1.67	n/a	7.55	n/a
19	1.81	n/a	7.57	n/a
20	2.35	n/a	7.59	n/a
21	1.95	n/a	7.56	n/a
22	1.83	n/a	7.56	n/a
23	2.34	n/a	7.59	n/a
24	2.54	n/a	7.60	n/a
25	1.66	n/a	7.55	n/a
26	1.79	n/a	7.56	n/a
27	1.99	n/a	7.58	n/a
28	1.38	n/a	7.57	n/a
29	2.61	n/a	7.60	n/a
30	1.96	n/a	7.57	n/a
31	1.93	n/a	7.56	n/a
Summary	60.82		7.58	
	(total)	(avg.)	(avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc	Hypo	NaF	4	5	6	Average free chlorine residual
gal	gal	lbs				mg/L
1	23	0				1.20
-2	17	100				1.20
1	20	0				1.16
0	16	0				1.14
1	19	0				1.14
1	19	0				1.16
1	16	50				1.16
0	20	0				1.23
1	20	50				1.22
-1	21	0				1.19
0	15	0				1.24
0	23	0				1.22
0	20	0				1.20
1	20	0				1.23
1	21	0				1.17
1	21	0				1.21
1	19	0				1.17
1	17	0				1.18
1	17	0				1.14
1	18	550				1.18
1	24	0				1.16
2	20	0				1.14
1	18	0				1.14
1	26	0				1.14
1	24	0				1.13
1	16	0				1.12
1	20	100				1.13
2	11	50				1.15
2	14	50				1.19
1	25	0				1.21
1	20	0				1.22
25.79	598.22	950.00				1.12
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.04

Building 206

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: MAY 2014

Signature: Ben Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre- Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1						
2 9:00 am	4,851	2.5	.74	.99	.16	120°
3						
4 8:30 am	2,415	1.25	.73	.78	.07	127°
5 8:45 am	1,462	.75	.75	1.00	.05	121°
6 9:00 am	2,433	1.75	.78	1.43	.04	120°
7 2:30 pm	18,046	9.0	.70	.75	.01	121°
8 9:00 am	2,184	1.0	.68	1.14	.01	121°
9 11:00 am	2,600	1.75	.70	1.11	.01	122°
10						
11						
12 9:00 am	4,436	2.25	.68	1.09	.10	122°
13 9:00 am	1,724	1.25	.69	1.08	.09	122°
14						
15 1:30 pm	5,000	2.75	.72	.79	.03	122°
16						
17						
18 2:00 pm	5,253	3.0	.71	1.11	.02	119°
19 9:00 am	1,511	1.0	.69	1.01	.01	119°
20						
21 9:00 am	4,211	2.0	.68	.95	.10	115°
22 8:30 am	2,084	1.0	.70	.96	.04	114°
23 10:30 am	2,380	1.0	.65	1.00	.02	114°
24						
25						
26						
27 1:30 pm	4,846	2.5	.83	1.11	.01	116°
28 8:30 am	1,337	.5	.67	.87	.00	
29 9:00 am	2,342	1.0	.79	.98	.26	115°
30						
31						
Summary	70,115	36.25				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: MAY 2014

Signature: Ben Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1						
2 8:00 am	6,653	3.25	.73	1.22	.37	110°
3						
4 7:00 am	6,730	3.25	.75	1.00	.24	111°
5 8:21 am	3,161	2.0	.75	1.06	.40	109°
6 10:01 am	4,000	2.0	.83	1.05	.17	110°
7 1:44 pm	4,527	2.75	.74	1.08	.02	112°
8 8:35 am	2,817	1.50	.85	1.27	.27	110°
9 8:52 am	4,685	2.75	.80	1.11	.19	111°
10						
11						
12 8:00	13,202	7.0	.71	1.03	.22	111°
13 7:45	2,980	2.5	.71	1.01	.21	112°
14 12:10 pm	5,348	2.75	.86	1.25	.44	115°
15 1:02 pm	4,392	2.5	.72	1.01	.21	111°
16						
17						
18 1:00 pm	12,071	7.0	.71	1.01	.20	111°
19 9:30 am	3,297	2.0	.69	1.01	.24	110°
20						
21 8:30 am	9,181	5.0	.74	1.02	.12	111°
22 9:00 am	4,691	2.0	.70	.92	.26	110°
23 10:00 am	4,826	2.0	.66	1.05	.12	110°
24						
25 11:00 am	9,137	5.0	.66	1.27	.45	109°
26						
27 1:00 pm	9,289	5.0	.85	1.35	.16	113°
28 8:00 am	3,633	2.0	.64	.89	.10	113°
29 8:00 am	4,830	2.5	.76	1.34	.10	113°
30 1:30 pm	6,287	3.0	.77	1.11	.11	114°
31						
Summary	125,737	67.75				

Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greateraugustautilitydistrict.org

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chamiwka@greateraugustautilitydistrict.org

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dbustin@greateraugustautilitydistrict.org

Don Roberts
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Sukey Sikora
ssikora@greateraugustautilitydistrict.org

Lesley Jones, Augusta ex-officio member
ljones@greateraugustautilitydistrict.org

July 10, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 June, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report;
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207; and
6. East Pittston Total Coliform Monitoring Report (PWSID 92255).

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

Sincerely,

Brian Tarbuck
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

Treatment plant/pump station: **Triangle Station**
 Fluoride Chemical Used: **Sodium Fluoride**

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **June - 14**

Notes: See notes below for specific operating conditions.

Signature:  Date: **7/10/2014**

Date	GAUD mg/L	Location	HETL mg/l
6/17/2014 8:50	0.69	Triangle Station	0.70

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.76	64.67	0.59	0.66
2	1.63	56.60	0.64	0.63
3	1.81	64.76	0.61	0.64
4	2.12	73.63	0.60	0.62
5	1.97	71.74	0.61	0.66
6	1.80	65.70	0.60	0.66
7	2.08	74.83	0.58	0.65
8	1.82	68.66	0.59	0.68
9	1.99	65.76	0.57	0.59
10	2.45	86.97	0.53	0.64
11	2.00	69.71	0.58	0.63
12	2.09	62.41	0.56	0.54
13	1.82	61.73	0.62	0.61
14	1.66	63.69	0.54	0.69
15	1.70	61.64	0.56	0.65
16	2.14	71.15	0.54	0.60
17	1.74	64.63	0.61	0.67
18	2.08	71.51	0.61	0.62
19	2.11	69.13	0.56	0.59
20	2.04	79.80	0.64	0.71
21	1.86	71.83	0.65	0.69
22	2.01	80.92	0.59	0.72
23	1.79	68.83	0.64	0.69
24	1.90	71.77	0.55	0.68
25	2.19	75.71	0.63	0.62
26	1.87	75.62	0.60	0.73
27	1.79	66.80	0.62	0.67
28	1.75	69.80	0.68	0.72
29	2.04	78.85	0.57	0.70
30	1.91	71.83	0.55	0.68
Avg	1.93	70.02	0.59	0.65
Min	1.63	56.60	0.53	0.54
Max	2.45	86.97	0.68	0.73
Total	57.92	2,100.71		

General Note:

Bacteriological Report Form

**Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012**

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.

June Mooney
June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	25
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform Present/Absent	Method MF/COLILERT	Lauryl Tryptose			EC 44.5c	HPC 48 hrs
												24 hr	48 hr	bril. green		
1	WESTERN STA.	DIS	MOONEY	6-3-14/8:25	0.89	0.89	0.65	MOONEY	6-3-14/12:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	6-3-14/8:40	1.19	1.18	0.67	MOONEY	6-3-14/12:00	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	6-3-14/9:00	0.82	0.82	0.66	MOONEY	6-3-14/12:00	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	6-3-14/9:15	0.99	1.00	0.61	MOONEY	6-3-14/12:00	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	6-3-14/9:35	1.16	1.16	0.70	MOONEY	6-3-14/12:00	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	6-3-14/9:50	1.09	1.08	0.66	MOONEY	6-3-14/12:00	A	COLILERT					
7	1000 RIVERSIDE DR.	DIS	MOONEY	6-3-14/10:30	0.50	0.52	0.67	MOONEY	6-3-14/12:00	A	COLILERT					
8	WESTERN STA.	DIS	MOONEY	6-10-14/8:40	0.98	0.99	0.69	MOONEY	6-10-14/1:15	A	COLILERT					
9	WELLHOUSE	DIS	MOONEY	6-10-14/9:00	1.25	1.25	0.63	MOONEY	6-10-14/1:15	A	COLILERT					
10	NORTHWEST STA.	DIS	MOONEY	6-10-14/9:20	1.22	1.21	0.63	MOONEY	6-10-14/1:15	A	COLILERT					
11	12 WILLIAMS ST.	DIS	MOONEY	6-10-14/9:45	1.26	1.25	0.66	MOONEY	6-10-14/1:15	A	COLILERT					
12	HOSPITAL ST. STA.	DIS	MOONEY	6-10-14/10:05	1.07	1.06	0.67	MOONEY	6-10-14/1:15	A	COLILERT					
13	MANCHESTER TOWN OFFICE	DIS	MOONEY	6-10-14/10:40	0.58	0.58	0.68	MOONEY	6-10-14/1:15	A	COLILERT					
14	QUALITY INN	DIS	MOONEY	6-10-14/11:15	0.60	0.62	0.66	MOONEY	6-10-14/1:15	A	COLILERT					
15	FARRINGTON SCHOOL	DIS	MOONEY	6-10-14/3:10	0.98	0.95	0.69	MOONEY	6-11-14/7:45	A	COLILERT					
16	HOSPITAL ST. STA.	DIS	MOONEY	6-17-14/7:25	0.76	0.76	0.68	MOONEY	6-17-14/10:50	A	COLILERT					
17	12 WILLIAMS ST.	DIS	MOONEY	6-17-14/7:45	0.53	0.54	0.68	MOONEY	6-17-14/10:50	A	COLILERT					
18	WESTERN STA.	DIS	MOONEY	6-17-14/8:30	1.00	1.01	0.67	MOONEY	6-17-14/10:50	A	COLILERT					
19	WELLHOUSE	DIS	MOONEY	6-17-14/8:50	1.09	1.09	0.69	MOONEY	6-17-14/10:50	A	COLILERT					
20	NORTHWEST STA.	DIS	MOONEY	6-17-14/9:10	0.98	0.99	0.62	MOONEY	6-17-14/10:50	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	6-24-14/8:50	0.89	0.89	0.71	MOONEY	6-24-14/12:00	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	6-24-14/9:10	1.23	1.22	0.74	MOONEY	6-24-14/12:00	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	6-24-14/10:00	1.25	1.21	0.81	MOONEY	6-24-14/12:00	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	6-24-14/10:25	1.16	1.17	0.78	MOONEY	6-24-14/12:00	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	6-24-14/10:40	1.18	1.16	0.77	MOONEY	6-24-14/12:00	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	6-9-14/7:30	0.00	0.00		MOONEY	6-9-14/9:30					cond.=1.21	us/cm	0:4ml

Monthly Well Production Report

System Type - All GW systems

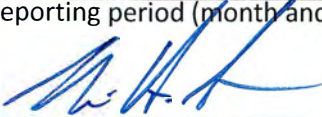
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **June - 14**

Signature:  Date: 7/10/2014

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.33	0.69	0.75	1.76
2	0.24	0.86	0.53	1.63
3	0.58	0.87	0.36	1.81
4	0.62	1.16	0.34	2.12
5	0.50	1.16	0.31	1.97
6	0.53	1.18	0.09	1.80
7	0.60	1.17	0.31	2.08
8	0.41	1.20	0.20	1.82
9	0.63	1.17	0.20	1.99
10	0.80	1.14	0.51	2.45
11	0.49	1.19	0.33	2.00
12	0.70	1.17	0.22	2.09
13	0.63	1.19	0.00	1.82
14	0.43	1.21	0.01	1.66
15	0.39	1.19	0.12	1.70
16	0.61	1.18	0.35	2.14
17	0.57	1.16	0.01	1.74
18	0.76	1.17	0.14	2.08
19	0.68	1.17	0.26	2.11
20	0.60	1.18	0.26	2.04
21	0.52	1.18	0.17	1.86
22	0.60	1.18	0.24	2.01
23	0.22	1.20	0.37	1.79
24	0.19	0.95	0.76	1.90
25	0.29	1.17	0.73	2.19
26	0.42	0.68	0.77	1.87
27	0.28	0.75	0.76	1.79
28	0.00	0.96	0.78	1.75
29	0.38	0.91	0.75	2.04
30	0.51	0.86	0.55	1.91
Sum	14.51	32.22	11.19	57.92

Monthly Operating Report
System Type - All GW systems

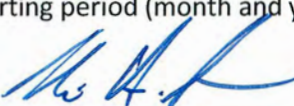
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **June - 14**

Signature:  Date: **7/10/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.76	n/a	7.55	n/a
2	1.63	n/a	7.58	n/a
3	1.81	n/a	7.61	n/a
4	2.12	n/a	7.62	n/a
5	1.97	n/a	7.62	n/a
6	1.80	n/a	7.63	n/a
7	2.08	n/a	7.62	n/a
8	1.82	n/a	7.63	n/a
9	1.99	n/a	7.62	n/a
10	2.45	n/a	7.61	n/a
11	2.00	n/a	7.62	n/a
12	2.09	n/a	7.62	n/a
13	1.82	n/a	7.63	n/a
14	1.66	n/a	7.62	n/a
15	1.70	n/a	7.62	n/a
16	2.14	n/a	7.62	n/a
17	1.74	n/a	7.62	n/a
18	2.08	n/a	7.62	n/a
19	2.11	n/a	7.62	n/a
20	2.04	n/a	7.62	n/a
21	1.86	n/a	7.62	n/a
22	2.01	n/a	7.62	n/a
23	1.79	n/a	7.61	n/a
24	1.90	n/a	7.57	n/a
25	2.19	n/a	7.58	n/a
26	1.87	n/a	7.56	n/a
27	1.79	n/a	7.55	n/a
28	1.75	n/a	7.55	n/a
29	2.04	n/a	7.56	n/a
30	1.91	n/a	7.57	n/a
Summary	57.92		7.60	
	(total)	(avg.)	(avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc gal	Hypo gal	NaF lbs	4	5	6	Free chlorine residual mg/L
1	19	0				1.25
1	17	50				1.26
1	17	0				1.21
1	18	0				1.15
2	20	0				1.08
1	20	0				1.20
1	20	0				1.26
2	21	0				1.38
2	18	100				1.17
1	21	0				1.21
-1	24	0				1.24
3	22	50				1.07
0	16	0				1.19
1	15	0				1.33
2	18	0				1.35
0	18	100				1.32
2	22	0				0.98
2	18	50				1.03
1	19	0				1.21
1	18	0				1.26
0	21	0				1.27
1	20	0				1.26
1	23	50				1.27
3	21	0				1.27
2	21	50				1.29
2	26	0				1.26
-1	22	50				1.27
2	20	0				1.30
2	21	0				1.26
1	24	50				1.24
40.03	601.71	550.00				0.98
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.99

Building 206

Monthly Operating Report
System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: JUNE 2014

Signature: 

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 6:30am	4,705	2.5	.70	.91	.01	115°
2 9:00am	1,361	.5	.66	1.19	.14	114°
3						
4 8:30am	5,276	2.5	.57	.75	.02	114°
5						
6 1:15 pm	5,524	3.0	.72	.82	.10	118°
7						
8 7:00 am	1,975	1.0	.47	.89	0	118°
9						
10 2:00 pm	5,244	2.5	.76	1.04	0	118°
11						
12 1:00pm	5,214	2.5	.58	.82	.34	116°
13						
14 10:30	3,993	2.0	.60	.86	.10	117°
15						
16						
17						
18 6:30 pm	10,455	6.0	.60	.84	.10	117°
19						
20						
21						
22 7:00am	6,650	4.0	.59	.90	.11	115°
23 11:00 am	2,601	1.5	.71	1.14	.16	114°
24						
25	7,883	4.0	.66	.97	.02	114°
26						
27	5,366	3.0	.64	.95	.02	115°
28						
29						
30	4,459	3.0	.57	.88	0	121°
31						
Summary	70,706	38.0				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: June 2014

Signature: 

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1	8,169	4.0	.70	.99	.19	113°
2	5,292	2.5	.68	1.24	.1	112°
3						
4	9:00 am 12,351	7.0	.61	1.18	.45	111°
5						
6	12:45 pm 12,578	7.0	.70	1.41	.25	116°
7						
8	6:30 am 9,304	5	.58	.85	.15	116°
9						
10	1:30 pm 13,053	7.0	.78	1.17	.25	115°
11						
12	2:00 pm 12,522	7.0	.68	1.06	.16	114°
13						
14	10:00 am 11,323	7.0	.66	.96	.11	116°
15						
16	6:30 13,694	7.0	.65	.90	.10	117°
17						
18	12,637	7.0	.64	.87	.11	118°
19						
20	7:00 pm 12,902	7.0	.59	.90	.17	116°
21						
22	4:00 pm 12,186	7.0	.51	.87	.18	115°
23	9:30 AM 5,130	3.0	.49	.92	.23	114°
24						
25	1:00 pm 15,174	8.0	.66	1.28	.33	115°
26	9:00 am 6,107	3.5	.47	.98	.35	114°
27	2: PM 8,454	5.0	.48	.97	.21	115°
28						
29	9:00 10,902	5.5	.57	1.04	.37	115°
30	1:30 pm 7,670	5.0	.55	1.49	.10	119°
31						
Summary	189,453	104.5				

MAINE DRINKING WATER PROGRAM

TOTAL COLIFORM BACTERIA RESULTS

Please read the sampling instructions on the back of this form. Sample Collector must fill out shaded sections.

For small water systems taking less than 10 samples per month.

Water Test Results for the Month:

June

Year:

2014

Public Water System Information	
System's name:	East Pittston Water Dist
Sampler's phone #:	622-3701
PWSID#:	92235
Address:	Rt 200 East Pittston Rd. Pittston Me 04345
Sample Category (1):	Bact
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME00012
Lab mgr. name:	Jane Mooney
Lab phone #:	623-4633 x 229

#	Sample collection point	Date & time sample was taken	Laboratory sample ID #	Date & time sample was processed	Total Coliform count	Noncoliform count (Mem. filtration only)	Fecal coliform or E. Coli (2)	EPA/STD Method
1	Village Store	6/15/14 8:00	140618	6/16 @ 9:15	0			9223B
2								
3								
4								

I (we) understand this report will be submitted to the Maine Drinking Water Program.

Sampler's Signature:

Bill Wilkinson

Laboratory signature:

Jane Mooney

- (1) Routine Compliance, Recheck, Operation & Maintenance, Raw Water, or Special Purpose.
- (2) Fecal Coliform or E. Coli analysis must be performed on all Coliform positive samples.

Rev:
12/98

Brian Tarbuck, General Manager
btarbuck@greataugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greataugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greataugustautilitydistrict.org

Charlene Hamiwka, Treasurer
chamiwka@greataugustautilitydistrict.org

Andy McPherson, Clerk / Hallowell voting member
amcpherson@greataugustautilitydistrict.org



www.greataugustautilitydistrict.org
12 Williams Street
Augusta, ME 04330-5225
(207) 622-3701

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dbustin@greataugustautilitydistrict.org

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Sukey Sikora
ssikora@greataugustautilitydistrict.org

Lesley Jones, Augusta ex-officio member
ljones@greataugustautilitydistrict.org

August 5, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 June, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207.

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

Sincerely,

Brian Tarbuck
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

Treatment plant/pump station: **Triangle Station**
 Fluoride Chemical Used: **Sodium Fluoride**

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **July - 14**

Notes: See notes below for specific operating conditions.



Signature: _____ Date: 8/5/2014

Date	GAUD mg/L	Location	HETL mg/l
7/22/2014 9:10	0.70	Triangle Station	0.70

Fluoride

General Note:

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.16	78.85	0.67	0.66
2	2.07	82.97	0.61	0.72
3	2.03	78.83	0.71	0.70
4	1.47	59.55	0.73	0.73
5	1.77	72.79	0.61	0.74
6	1.83	69.68	0.63	0.69
7	1.85	70.81	0.65	0.69
8	2.60	96.09	0.59	0.67
9	1.86	73.82	0.67	0.71
10	1.77	62.50	0.65	0.64
11	2.59	91.99	0.55	0.64
12	1.72	68.77	0.60	0.72
13	2.08	81.90	0.66	0.71
14	1.52	61.68	0.68	0.73
15	2.06	77.70	0.62	0.68
16	2.32	86.92	0.56	0.67
17	1.55	63.54	0.61	0.74
18	2.49	87.95	0.66	0.64
19	1.56	62.62	0.73	0.72
20	2.08	82.85	0.68	0.72
21	1.54	62.65	0.73	0.73
22	1.97	81.83	0.67	0.75
23	2.12	74.72	0.55	0.64
24	1.94	78.09	0.67	0.72
25	2.06	80.85	0.71	0.71
26	1.80	73.78	0.71	0.74
27	1.70	69.69	0.70	0.74
28	1.72	64.73	0.67	0.68
29	1.99	79.80	0.69	0.72
30	2.00	79.90	0.69	0.72
31	1.95	75.84	0.66	0.70
Avg	1.94	75.28	0.66	0.70
Min	1.47	59.55	0.55	0.64
Max	2.60	96.09	0.73	0.75
Total	60.16	2,333.68		

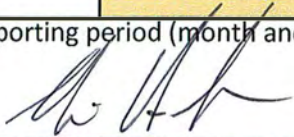
Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.

June Mooney
 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	29
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform	Method	Lauryl Tryptose				
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WESTERN STA.	DIS	MOONEY	7-1-14/9:00	0.84	0.87	0.67	MOONEY	7-1-14/1:30	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	7-1-14/9:15	1.36	1.32	0.95	MOONEY	7-1-14/1:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	7-1-14/9:30	1.18	1.15	0.68	MOONEY	7-1-14/1:30	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	7-1-14/10:20	1.07	1.07	0.72	MOONEY	7-1-14/1:30	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	7-1-14/10:40	1.29	1.27	0.74	MOONEY	7-1-14/1:30	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	7-1-14/10:55	1.12	1.13	0.68	MOONEY	7-1-14/1:30	A	COLILERT					
7	QUALITY INN	DIS	MOONEY	7-1-14/11:20	0.71	0.69	0.66	MOONEY	7-1-14/1:30	A	COLILERT					
8	MANCHESTER TOWN OFFICE	DIS	MOONEY	7-8-14/9:50	0.51	0.53	0.81	MOONEY	7-8-14/2:00	A	COLILERT					
9	WESTERN STA.	DIS	MOONEY	7-8-14/9:30	1.14	1.15	0.78	MOONEY	7-8-14/2:00	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	7-8-14/10:10	1.30	1.26	0.75	MOONEY	7-8-14/2:00	A	COLILERT					
11	NORTHWEST STA.	DIS	MOONEY	7-8-14/10:30	1.38	1.38	0.76	MOONEY	7-8-14/2:00	A	COLILERT					
12	12 WILLIAMS ST.	DIS	MOONEY	7-8-14/10:50	1.37	1.33	0.76	MOONEY	7-8-14/2:00	A	COLILERT					
13	HOSPITAL ST. STA.	DIS	MOONEY	7-8-14/11:10	1.27	1.25	0.75	MOONEY	7-8-14/2:00	A	COLILERT					
14	WESTERN STA.	DIS	MOONEY	7-14-14/10:40	0.92	0.92	0.68	MOONEY	7-14-14/2:15	A	COLILERT					
15	WELLHOUSE	DIS	MOONEY	7-14-14/11:00	1.29	1.28	0.80	MOONEY	7-14-14/2:15	A	COLILERT					
16	NORTHWEST STA.	DIS	MOONEY	7-14-14/11:15	1.15	1.15	0.72	MOONEY	7-14-14/2:15	A	COLILERT					
17	12 WILLIAMS ST.	DIS	MOONEY	7-14-14/11:40	1.34	1.35	0.71	MOONEY	7-14-14/2:15	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	7-14-14/12:00	1.16	1.15	0.72	MOONEY	7-14-14/2:15	A	COLILERT					
19	TOGUS STA.	DIS	MOONEY	7-14-14/12:20	0.77	0.81	0.72	MOONEY	7-14-14/2:15	A	COLILERT					
20	WESTERN STA.	DIS	MOONEY	7-22-14/8:50	0.94	0.93	0.70	MOONEY	7-22-14/11:45	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	7-22-14/9:10	1.19	1.17	0.70	MOONEY	7-22-14/11:45	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	7-22-14/9:30	1.17	1.15	0.70	MOONEY	7-22-14/11:45	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	7-22-14/9:50	1.21	1.20	0.68	MOONEY	7-22-14/11:45	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	7-22-14/10:10	1.11	1.13	0.66	MOONEY	7-22-14/11:45	A	COLILERT					
25	WESTERN STA.	DIS	MOONEY	7-29-14/9:35	0.94	0.93	0.67	MOONEY	7-29-14/1:00	A	COLILERT					
26	WELLHOUSE	DIS	MOONEY	7-29-14/9:55	1.14	1.13	0.68	MOONEY	7-29-14/1:00	A	COLILERT					
27	NORTHWEST STA.	DIS	MOONEY	7-29-14/10:10	1.11	1.09	0.69	MOONEY	7-29-14/1:00	A	COLILERT					
28	12 WILLIAMS ST.	DIS	MOONEY	7-29-14/10:35	1.16	1.15	0.69	MOONEY	7-29-14/1:00	A	COLILERT					
29	HOSPITAL ST. STA.	DIS	MOONEY	7-29-14/10:55	0.94	0.93	0.70	MOONEY	7-29-14/1:00	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	7-7-14/10:30	0.00	0.00		MOONEY	7-7-14/12:00							0:4ML

Monthly Well Production Report		System Information	
System Type - All GW systems		Treatment plant/pump station: All wells	
System Name:	Greater Augusta Utility District	Select one	
PWSID#:	90080	Community System	<input checked="" type="checkbox"/>
Designated operator name and ME License #:	Brian Tarbuck 2026	Non-transient Non-community	<input type="checkbox"/>
e-mail address:	btarbuck@augustawater.org	Transient Non-Community	<input type="checkbox"/>
Reporting period (month and year):	July - 14	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 8/5/2014	List any operation problems or comments:	
		This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.	

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.64	1.16	0.36	2.16
2	0.84	1.18	0.05	2.07
3	0.56	1.19	0.28	2.03
4	0.18	1.20	0.10	1.47
5	0.33	1.19	0.26	1.77
6	0.37	1.17	0.29	1.83
7	0.38	1.18	0.29	1.85
8	0.83	1.13	0.64	2.60
9	0.37	1.19	0.30	1.86
10	0.34	1.18	0.26	1.77
11	0.83	1.13	0.64	2.59
12	0.38	1.19	0.15	1.72
13	0.90	1.18	0.00	2.08
14	0.57	0.95	0.00	1.52
15	0.88	1.17	0.00	2.06
16	0.86	1.16	0.29	2.32
17	0.26	1.20	0.09	1.55
18	0.82	1.13	0.54	2.49
19	0.20	1.20	0.16	1.56
20	0.88	1.17	0.03	2.08
21	0.35	1.20	0.00	1.54
22	0.80	1.17	0.00	1.97
23	0.56	1.18	0.37	2.12
24	0.68	1.18	0.08	1.94
25	0.88	1.17	0.00	2.06
26	0.61	1.18	0.01	1.80
27	0.44	1.19	0.07	1.70
28	0.38	0.80	0.54	1.72
29	0.00	1.18	0.82	1.99
30	0.02	1.18	0.80	2.00
31	0.29	0.88	0.78	1.95
Sum	16.43	35.53	8.20	60.16

Monthly Operating Report
System Type - All GW systems

System Information

Treatment plant/pump station: **Triangle Station**

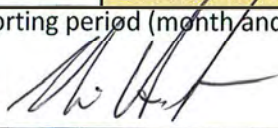
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **July - 14**

Signature:  Date: **8/5/2014**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production				
Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	2.16	n/a	7.60	n/a
2	2.07	n/a	7.62	n/a
3	2.03	n/a	7.61	n/a
4	1.47	n/a	7.60	n/a
5	1.77	n/a	7.60	n/a
6	1.83	n/a	7.60	n/a
7	1.85	n/a	7.60	n/a
8	2.60	n/a	7.59	n/a
9	1.86	n/a	7.60	n/a
10	1.77	n/a	7.60	n/a
11	2.59	n/a	7.60	n/a
12	1.72	n/a	7.59	n/a
13	2.08	n/a	7.61	n/a
14	1.52	n/a	7.59	n/a
15	2.06	n/a	7.60	n/a
16	2.32	n/a	7.60	n/a
17	1.55	n/a	7.58	n/a
18	2.49	n/a	7.59	n/a
19	1.56	n/a	7.58	n/a
20	2.08	n/a	7.60	n/a
21	1.54	n/a	7.58	n/a
22	1.97	n/a	7.59	n/a
23	2.12	n/a	7.58	n/a
24	1.94	n/a	7.59	n/a
25	2.06	n/a	7.60	n/a
26	1.80	n/a	7.58	n/a
27	1.70	n/a	7.57	n/a
28	1.72	n/a	7.57	n/a
29	1.99	n/a	7.55	n/a
30	2.00	n/a	7.55	n/a
31	1.95	n/a	7.55	n/a
Summary	60.16		7.59	
	(total)	(avg.)	(avg.)	(min.)

Chemical usage						Free chlorine residual mg/L
Calc	Hypo	NaF	4	5	6	
gal	gal	lbs				
2	20	100				
2	24	0				
1	23	50				
2	23	0				
-1	15	0				
2	19	0				
1	20	100				
2	14	0				
2	32	0				
1	21	100				
0	22	0				
2	31	0				
3	22	0				
2	25	0				
1	18	100				
2	25	0				
2	27	0				
0	18	50				
2	29	0				
1	17	0				
1	23	0				
2	21	0				
2	23	50				
1	26	0				
-1	22	50				
1	22	0				
2	21	0				
2	18	100				
1	19	0				
1	23	0				
2	23	0				
42.71	688.74	700.00				
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	29	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.11

Building 206

Monthly Operating Report
System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: July 2014

Signature: _____

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1	1,610	1.0	.51	1.23	.09	111°
2						
3	4,031	3.0	.60	.73	.08	110°
4						
5						
6						
7	9 am 6,922	4.0	.47	.99	0	112°
8						
9						
10	11:30 8,441	5.0	.49	.81	.07	114°
11						
12						
13	7:00 am 4802	3.0	.43	.68	0	113°
14						
15	1:30 pm 4167	2.5	.55	.77	.02	114°
16						
17	1:45 pm 4600	2.5	.81	.99	.02	115°
18	12:45 pm 2579	1.5	.77	.91	.01	116°
19						
20						
21	11:00 am 3,778	2.0	.54	.83	.10	116°
22						
23	8:00 am 4,429	2.5	.54	.81	.02	117°
24						
25	6,318	3.0	.59	.82	.01	117°
26						
27						
28	9:00 am 2663	1.5	.60	.80	.01	117°
29						
30	4979	3.0	.51	.79	.01	117°
31						
Summary	59319	34.5				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: Jul 2014

Signature: Ben Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 10:00 am	5,863	3.5	.53	.91	.37	114°
2 8:00 am	6,903	4.0	.47	.85	.24	114°
3 8:30 am	6,882	4.0	.57	1.15	.24	115°
4						
5 7:00	14,475	9.0	.55	.98	.21	114°
6						
7 9:30	9,421	5.5	.47	.73	.24	112°
8						
9						
10 10:00	35,499	10.0	.49	.71	.20	113°
11	5,877	3.0	.48	.77	.17	114°
12						
13	12,667	7.0	.41	.98	.10	113°
14	6,757	4.0	.41	.82	.03	114°
15	8,255	4.5	.66	1.26	.14	114°
16						
17 1:00 pm	14,279	8.0	.76	1.16	.23	117°
18 1:00 pm	7,235	4.0	.58	.77	.06	114°
19						
20 9:00 am	13,197	7.0	.59	.87	.09	114°
21 9:00 am	6,213	4.0	.55	.70	.02	116°
22						
23 8:45 am	13,743	7.0	.58	.88	.09	116°
24						
25 11 am	17,324	9.0	.60	.86	.10	117°
26						
27 12:30 pm	13,341	8.0	.59	.90	.11	117°
28 8:30 am	5,639	3.0	.60	.80	.03	117°
29						
30	15,515	9.0	.48	.58	.19	117°
31						
Summary	219,085	113.5				

Brian Tarbuck, General Manager
btarbuck@greataugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greataugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greataugustautilitydistrict.org

Charlene Hamiwka, Treasurer
chamiwka@greataugustautilitydistrict.org

Andy McPherson, Clerk / Hallowell voting member
amcpherson@greataugustautilitydistrict.org



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Don Roberts
droberts@greataugustautilitydistrict.org

Sukey Sikora
ssikora@greataugustautilitydistrict.org

Lesley Jones, Augusta ex-officio member
ljones@greataugustautilitydistrict.org

September 5, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 August, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207.

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

Sincerely,

Brian Tarbuck, PE
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **August - 14**

System Information

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: 9/8/2014

Date	GAUD mg/L	Location	HETL mg/l
8/26/2014 9:25	0.70	Triangle Station	0.60

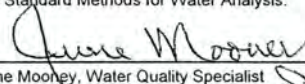
Fluoride

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.27	82.98	0.70	0.66
2	1.64	67.69	0.65	0.74
3	1.97	78.85	0.65	0.72
4	1.95	78.15	0.70	0.72
5	2.07	82.88	0.70	0.72
6	1.96	74.88	0.68	0.69
7	1.89	71.78	0.67	0.68
8	1.91	74.83	0.67	0.70
9	1.68	66.72	0.65	0.72
10	1.78	73.91	0.62	0.75
11	2.01	82.79	0.61	0.74
12	2.11	85.01	0.65	0.73
13	2.07	65.69	0.66	0.57
14	1.70	72.77	0.66	0.77
15	1.74	70.68	0.71	0.73
16	1.73	72.74	0.66	0.76
17	1.62	67.60	0.67	0.75
18	1.75	69.76	0.65	0.72
19	1.76	70.69	0.66	0.72
20	2.06	82.96	0.61	0.73
21	1.91	70.72	0.68	0.67
22	1.75	71.67	0.73	0.74
23	1.70	71.76	0.80	0.76
24	1.73	73.67	0.68	0.77
25	1.74	74.74	0.70	0.77
26	2.01	75.87	0.67	0.68
27	2.04	80.88	0.68	0.71
28	1.94	79.88	0.68	0.74
29	1.81	69.70	0.68	0.69
30	1.58	63.62	0.68	0.72
31	1.68	70.70	0.69	0.76
Avg	1.86	74.08	0.67	0.72
Min	1.58	63.62	0.61	0.57
Max	2.27	85.01	0.80	0.77
Total	57.56	2,296.57		

General Note:

Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.



 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	25
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform Present/Absent	Method MF/COLILERT	Lauryl Tryptose				
												24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WESTERN STA.	DIS	MOONEY	8-6-14/12:25	0.96	0.94	0.68	MOONEY	8-6-14/3:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	8-6-14/12:45	1.13	1.09	0.72	MOONEY	8-6-14/3:00	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	8-6-14/1:00	0.90	0.89	0.64	MOONEY	8-6-14/3:00	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	8-6-14/1:30	1.10	1.09	0.72	MOONEY	8-6-14/3:00	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	8-6-14/1:55	0.90	0.87	0.67	MOONEY	8-6-14/3:00	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	8-11-14/9:20	0.84	0.85	0.73	MOONEY	8-12-14/7:45	A	COLILERT					
7	MANCHESTER TOWN OFFICE	DIS	MOONEY	8-11-14/10:05	0.19	0.15	0.71	MOONEY	8-12-14/7:45	A	COLILERT					
8	WELLHOUSE	DIS	MOONEY	8-12-14/8:25	1.04	1.02	0.71	MOONEY	8-12-14/1:15	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	8-12-14/8:50	0.84	0.85	0.70	MOONEY	8-12-14/1:15	A	COLILERT					
10	WILLOW ST. STA.	DIS	MOONEY	8-12-14/9:10	1.02	0.98	0.72	MOONEY	8-12-14/1:15	A	COLILERT					
11	12 WILLIAMS ST.	DIS	MOONEY	8-12-14/10:45	1.04	1.03	0.72	MOONEY	8-12-14/1:15	A	COLILERT					
12	HOSPITAL ST. STA.	DIS	MOONEY	8-12-14/11:10	0.87	0.86	0.70	MOONEY	8-12-14/1:15	A	COLILERT					
13	WESTERN STA.	DIS	MOONEY	8-19-14/8:15	0.99	0.99	0.73	MOONEY	8-19-14/1:30	A	COLILERT					
14	WELLHOUSE	DIS	MOONEY	8-19-14/8:35	1.15	1.15	0.73	MOONEY	8-19-14/1:30	A	COLILERT					
15	NORTHWEST STA.	DIS	MOONEY	8-19-14/8:50	1.14	1.14	0.73	MOONEY	8-19-14/1:30	A	COLILERT					
16	12 WILLIAMS ST.	DIS	MOONEY	8-19-14/9:10	1.16	1.14	0.71	MOONEY	8-19-14/1:30	A	COLILERT					
17	HOSPITAL ST. STA.	DIS	MOONEY	8-19-14/9:25	0.99	1.00	0.70	MOONEY	8-19-14/1:30	A	COLILERT					
18	GREYBIRCH	DIS	MOONEY	8-19-14/11:25	0.53	0.54	0.78	MOONEY	8-19-14/1:30	A	COLILERT					
19	QUALITY INN	DIS	MOONEY	8-19-14/11:45	0.66	0.66	0.75	MOONEY	8-19-14/1:30	A	COLILERT					
20	WESTERN STA.	DIS	MOONEY	8-26-14/9:05	0.73	0.73	0.71	MOONEY	8-26-14/1:20	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	8-26-14/9:25	1.15	1.12	0.70	MOONEY	8-26-14/1:20	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	8-26-14/9:45	1.07	1.08	0.65	MOONEY	8-26-14/1:20	A	COLILERT					
23	K. V. CREDIT UNION	DIS	MOONEY	8-26-14/10:10	0.50	0.50	0.72	MOONEY	8-26-14/1:20	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	8-26-14/10:30	1.18	1.19	0.62	MOONEY	8-26-14/1:20	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	8-26-14/10:50	0.95	0.96	0.66	MOONEY	8-26-14/1:20	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	8-5-14/7:20	0.00	0.00		MOONEY	8-5-14/9:40							0:4MLM

Monthly Well Production Report

System Type - All GW systems

System Name:	Greater Augusta Utility District		
PWSID#:	90080		
Designated operator name and ME License #:	Brian Tarbuck 2026		
e-mail address:	btarbuck@augustawater.org		
Reporting period (month and year):	August - 14		
Signature:			
Date:	9/8/2014		

System Information

Treatment plant/pump station:	All wells		
	Community System	→	<input checked="" type="checkbox"/>
	Non-transient Non-community	→	<input type="checkbox"/>
	Transient Non-Community	→	<input type="checkbox"/>
List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):			
List any operation problems or comments:			
This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.			

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.37	1.16	0.75	2.27
2	0.00	0.81	0.83	1.64
3	0.00	1.17	0.80	1.97
4	0.21	1.17	0.57	1.95
5	0.72	1.16	0.20	2.07
6	0.54	1.16	0.27	1.96
7	0.60	1.16	0.13	1.89
8	0.58	1.16	0.18	1.91
9	0.35	1.17	0.16	1.68
10	0.61	1.16	0.00	1.78
11	0.84	1.16	0.01	2.01
12	0.86	0.64	0.61	2.11
13	0.87	0.62	0.58	2.07
14	0.89	0.01	0.79	1.70
15	0.89	0.00	0.85	1.74
16	0.89	0.00	0.84	1.73
17	0.76	0.00	0.85	1.62
18	0.90	0.00	0.85	1.75
19	0.90	0.00	0.86	1.76
20	0.87	0.40	0.79	2.06
21	0.88	0.21	0.82	1.91
22	0.90	0.00	0.85	1.75
23	0.86	0.00	0.84	1.70
24	0.89	0.00	0.84	1.73
25	0.89	0.00	0.85	1.74
26	0.87	0.35	0.80	2.01
27	0.87	0.38	0.79	2.04
28	0.88	0.79	0.28	1.94
29	0.64	1.17	0.00	1.81
30	0.55	0.67	0.37	1.58
31	0.83	0.00	0.85	1.68
Sum	21.69	17.65	18.21	57.56

Monthly Operating Report
System Type - All GW systems

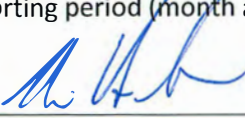
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **August - 14**

Signature:  Date: **9/8/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	2.27	n/a	7.55	n/a
2	1.64	n/a	7.53	n/a
3	1.97	n/a	7.53	n/a
4	1.95	n/a	7.54	n/a
5	2.07	n/a	7.57	n/a
6	1.96	n/a	7.56	n/a
7	1.89	n/a	7.56	n/a
8	1.91	n/a	7.55	n/a
9	1.68	n/a	7.54	n/a
10	1.78	n/a	7.56	n/a
11	2.01	n/a	7.57	n/a
12	2.11	n/a	7.57	n/a
13	2.07	n/a	7.57	n/a
14	1.70	n/a	7.58	n/a
15	1.74	n/a	7.57	n/a
16	1.73	n/a	7.56	n/a
17	1.62	n/a	7.55	n/a
18	1.75	n/a	7.56	n/a
19	1.76	n/a	7.56	n/a
20	2.06	n/a	7.54	n/a
21	1.91	n/a	7.55	n/a
22	1.75	n/a	7.56	n/a
23	1.70	n/a	7.56	n/a
24	1.73	n/a	7.56	n/a
25	1.74	n/a	7.56	n/a
26	2.01	n/a	7.55	n/a
27	2.04	n/a	7.56	n/a
28	1.94	n/a	7.55	n/a
29	1.81	n/a	7.55	n/a
30	1.58	n/a	7.55	n/a
31	1.68	n/a	7.57	n/a
Summary	57.56		7.56	
	(total)	(avg.)	(avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/L
1	22	100				1.16
2	25	0				1.39
1	0	0				1.35
2	18	0				1.24
2	18	0				1.10
2	9	50				1.15
0	22	50				1.16
1	17	50				1.14
2	21					1.12
1	17					1.10
2	18	50				1.09
2	20	0				1.03
2	21					1.15
0	21	0				1.33
-1	20	50				1.31
1	18					1.17
2	18					1.18
1	16	50				1.30
1	19	50				1.04
2	20	0				1.20
2	23	100				1.15
1	19					1.13
1	18					1.12
1	17					1.13
1	20	0				0.95
2	19	100				1.12
1	22	0				1.13
2	24	0				1.15
0	22	50				1.20
1	21					1.19
1	19					1.15
40.83	583.44	700.00				0.95
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.92

Building 206

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: AUG 2014

Signature: B. Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1	3,893	2.0	.44	.94	.10	114°
2						
3						
4						
5 2:30 pm	6,371	4.0	.44	.91	.10	114°
6						
7 9:30 am	3,280	2.0	.39	.87	.16	115°
8						
9						
10						
11 9:00 am	6,120	3.5	.45	.86	.22	112°
12						
13 1: pm	5,140	2.0	.46	.66	.04	118°
14						
15						
16						
17						
18 9:00	7,131	4.0	.45	.66	.04	117°
19						
20	5,077	3.0	.43	.53	.06	117°
21						
22 1 pm	5,183	3.0	.41	.55	.11	117°
23						
24 1:30 pm	19,609	9.0	.41	.65	.08	116°
25						
26						
27						
28 6:00	15,123	8.0	.40	.77	.09	117°
29						
30						
31						
Summary	76,927	40.5				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: Aug 2014

Signature: Ben Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 9:00am	13,739	7.0	.43	.92	.01	114°
2						
3 1:00pm	15,897	9.0	.44	.88	.04	114°
4						
5 8:30am	13,125	7.0	.45	.84	.30	114°
6						
7 9:00am	15,339	8.0	.44	.58	.08	114°
8 7:00pm	8,441	5.0	.44	.67	.11	114°
9						
10 7:00AM	12,510	7.0	.43	.89	.09	115°
11 8:30am	8,151	4.0	.40	.73	.14	115°
12						
13 1:30pm	16,647	9.0	.44	.71	.08	116°
14	5,606	3.0	.44	.75	.07	115°
15						
16	14,407	8.0	.44	.81	.10	115°
17						
18 8:00am	10,592	5.0	.40	.51	.05	116°
19						
20 10:00am	13,805	7.0	.39	.94	.33	116°
21						
22 10:00am	13,999	7.0	.39	.87	.01	116°
23						
24 1:00pm	15,368	8.0	.40	.81	.22	117°
25						
26 7:00pm	14,546	8.0	.39	.82	.10	116°
27						
28 8:30pm	14,438	8.0	.40	.70	.09	116°
29						
30	13,375	8.0	.40	.70	.09	116°
31						
Summary	219,975	118.0				

Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greateraugustautilitydistrict.org

Charlene Hamiwka, Treasurer
chamiwka@greateraugustautilitydistrict.org

Andy McPherson, Clerk / Hallowell voting member
amcpherson@greateraugustautilitydistrict.org



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Lesley Jones, Augusta ex-officio member
ljones@greateraugustautilitydistrict.org

October 9, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 September, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report;
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207; and
6. East Pittston Total Coliform Monitoring Report.

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

Sincerely,

Brian Tarbuck, PE
General Manager


Monthly Fluoride Report
System Type - Fluoride Systems

System Name:	Greater Augusta Utility District
PWSID#:	90080
Reporting period:	September - 14

System Information

Treatment plant/pump station	Triangle Station
Fluoride Chemical Used:	Sodium Fluoride

Notes: See notes below for specific operating conditions.

Signature:  Date: 10/9/2014

Date	GAUD mg/L	Location	HETL mg/l
9-15-14/11:00	0.62	Triangle Station	0.70

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.65	68.72	0.66	0.75
2	1.76	31.62	0.44	0.32
3	2.12	1.02	0.09	0.01
4	1.83	55.52	0.56	0.54
5	2.02	78.76	0.70	0.70
6	1.61	64.65	0.70	0.72
7	1.61	64.70	0.69	0.72
8	1.84	68.73	0.67	0.67
9	1.96	78.83	0.70	0.72
10	1.96	78.88	0.71	0.73
11	1.95	78.92	0.69	0.73
12	1.73	63.67	0.70	0.66
13	1.58	56.44	0.69	0.64
14	1.77	64.72	0.69	0.66
15	1.92	54.18	0.66	0.51
16	1.97	75.22	0.74	0.69
17	1.84	73.93	0.69	0.72
18	1.73	69.76	0.71	0.73
19	1.98	77.83	0.69	0.71
20	1.63	63.63	0.66	0.70
21	1.78	74.71	0.66	0.76
22	1.81	71.87	0.69	0.72
23	1.79	70.10	0.68	0.70
24	1.95	77.80	0.68	0.72
25	2.21	82.85	0.67	0.67
26	2.16	81.85	0.65	0.68
27	2.24	84.79	0.64	0.68
28	1.65	66.75	0.62	0.73
29	2.05	80.94	0.68	0.71
30	2.01	73.10	0.73	0.65
Avg	1.87	67.82	0.65	0.66
Min	1.58	1.02	0.09	0.01
Max	2.24	84.79	0.74	0.76
Total	56.10	2,034.48		

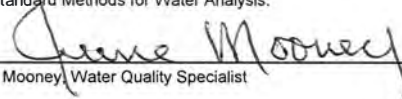
General Note:

Fluoride system temporarily offline for maintenance.
 Fluoride system returned to service.

Bacteriological Report Form

Utility: **Greater Augusta Utility District, PWSID ME0090080**
 Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.


 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	30
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform Present/Absent	Method MF/COLILERT	Lauryl Tryptose			EC 44.5c	HPC 48 hrs
												24 hr	48 hr	bril. green		
1	WESTERN STA.	DIS	MOONEY	9-2-14/9:50	0.78	0.78	0.74	MOONEY	9-2-14/1:45	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	9-2-14/10:10	1.20	1.19	0.72	MOONEY	9-2-14/1:45	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	9-2-14/10:30	1.30	1.29	0.72	MOONEY	9-2-14/1:45	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	9-2-14/10:50	1.06	1.05	0.73	MOONEY	9-2-14/1:45	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	9-2-14/11:10	1.32	1.32	0.74	MOONEY	9-2-14/1:45	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	9-2-14/11:30	1.03	1.02	0.75	MOONEY	9-2-14/1:45	A	COLILERT					
7	HOSPITAL ST. STA.	DIS	MOONEY	9-8-14/12:15	0.89	0.90	0.74	MOONEY	9-8-14/2:45	A	COLILERT					
8	12 WILLIAMS ST.	DIS	MOONEY	9-8-14/12:35	1.23	1.32	<.2	MOONEY	9-8-14/2:45	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	9-8-14/1:00	1.04	1.05	0.73	MOONEY	9-8-14/2:45	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	9-8-14/1:20	1.25	1.24	0.74	MOONEY	9-8-14/2:45	A	COLILERT					
11	WESTERN STA.	DIS	MOONEY	9-8-14/1:35	0.95	0.97	0.72	MOONEY	9-8-14/2:45	A	COLILERT					
12	WESTERN STA.	DIS	MOONEY	9-15-14/10:45	0.72	0.74	0.64	MOONEY	9-15-14/2:45	A	COLILERT					
13	WELLHOUSE	DIS	MOONEY	9-15-14/11:00	1.35	1.32	0.62	MOONEY	9-15-14/2:45	A	COLILERT					
14	NORTHWEST STA.	DIS	MOONEY	9-15-14/11:20	1.27	1.26	0.66	MOONEY	9-15-14/2:45	A	COLILERT					
15	12 WILLIAMS ST.	DIS	MOONEY	9-15-14/11:40	1.27	1.25	0.61	MOONEY	9-15-14/2:45	A	COLILERT					
16	HOSPITAL ST. STA.	DIS	MOONEY	9-15-14/12:00	0.92	0.94	0.66	MOONEY	9-15-14/2:45	A	COLILERT					
17	1000 RIVERSIDE DR.	DIS	MOONEY	9-15-14/12:30	0.20	0.23	0.62	MOONEY	9-15-14/2:45	A	COLILERT					
18	QUALITY INN	DIS	MOONEY	9-15-14/1:00	0.45	0.46	0.63	MOONEY	9-15-14/2:45	A	COLILERT					
19	WESTERN STA.	DIS	MOONEY	9-23-14/10:20	0.73	0.74	0.72	MOONEY	9-23-14/2:00	A	COLILERT					
20	MANCHESTER TOWN OFFICE	DIS	MOONEY	9-23-14/10:40	0.16	0.18	0.70	MOONEY	9-23-14/2:00	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	9-23-14/11:00	1.26	1.25	0.74	MOONEY	9-23-14/2:00	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	9-23-14/11:15	1.16	1.16	0.68	MOONEY	9-23-14/2:00	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	9-23-14/11:40	0.93	0.93	0.57	MOONEY	9-23-14/2:00	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	9-23-14/12:00	1.01	1.00	0.69	MOONEY	9-23-14/2:00	A	COLILERT					
25	FARRINGTON SCHOOL	DIS	MOONEY	9-23-14.3:10	0.55	0.56	0.68	MOONEY	9-23-14/3:40	A	COLILERT					
26	WESTERN STA.	DIS	MOONEY	9-30-14/10:00	0.75	0.75	0.65	MOONEY	9-30-14/1:30	A	COLILERT					
27	WELLHOUSE	DIS	MOONEY	9-30-14/10:20	1.40	1.37	1.00	MOONEY	9-30-14/1:30	A	COLILERT					
28	NORTHWEST STA.	DIS	MOONEY	9-30-14/10:35	1.23	1.21	0.68	MOONEY	9-30-14/1:30	A	COLILERT					
29	12 WILLIAMS ST.	DIS	MOONEY	9-30-14/11:00	1.35	1.34	0.70	MOONEY	9-30-14/1:30	A	COLILERT					
30	HOSPITAL ST. STA.	DIS	MOONEY	9-30-14/11:20	1.10	1.10	0.67	MOONEY	9-30-14/1:30	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	9-23-14/7:15	0.00	0.00		MOONEY	9-23-14/9:20							0:4ml

Monthly Well Production Report

System Type - All GW systems

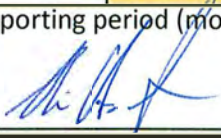
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: btarbuck@augustawater.org

Reporting period (month and year): **September - 14**

Signature:  Date: 10/9/2014

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.79	0.00	0.86	1.65
2	0.90	0.00	0.86	1.76
3	0.86	0.48	0.78	2.12
4	0.69	0.32	0.82	1.83
5	0.87	0.36	0.79	2.02
6	0.64	0.13	0.84	1.61
7	0.58	0.21	0.83	1.61
8	0.00	1.01	0.83	1.84
9	0.00	1.15	0.82	1.96
10	0.00	1.14	0.81	1.96
11	0.00	1.14	0.81	1.95
12	0.09	0.81	0.83	1.73
13	0.16	0.60	0.82	1.58
14	0.00	0.96	0.81	1.77
15	0.35	0.80	0.78	1.92
16	0.00	1.15	0.82	1.97
17	0.22	0.80	0.82	1.84
18	0.06	0.86	0.81	1.73
19	0.48	1.14	0.36	1.98
20	0.68	0.74	0.21	1.63
21	0.00	0.96	0.82	1.78
22	0.10	0.88	0.83	1.81
23	0.12	0.85	0.81	1.79
24	0.00	1.14	0.81	1.95
25	0.34	1.12	0.75	2.21
26	0.48	0.92	0.75	2.16
27	0.42	1.10	0.71	2.24
28	0.00	0.84	0.81	1.65
29	0.17	1.12	0.76	2.05
30	0.11	1.13	0.77	2.01
Sum	9.11	23.86	23.13	56.10

Monthly Operating Report
System Type - All GW systems

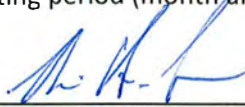
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **September - 14**

Signature:  Date: **10/9/2014**

System Information

Treatment plant/pump station: **Triangle Station**

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production				
Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.65	n/a	7.57	n/a
2	1.76	n/a	7.58	n/a
3	2.12	n/a	7.57	n/a
4	1.83	n/a	7.55	n/a
5	2.02	n/a	7.56	n/a
6	1.61	n/a	7.55	n/a
7	1.61	n/a	7.54	n/a
8	1.84	n/a	7.50	n/a
9	1.96	n/a	7.51	n/a
10	1.96	n/a	7.51	n/a
11	1.95	n/a	7.51	n/a
12	1.73	n/a	7.52	n/a
13	1.58	n/a	7.52	n/a
14	1.77	n/a	7.51	n/a
15	1.92	n/a	7.52	n/a
16	1.97	n/a	7.50	n/a
17	1.84	n/a	7.52	n/a
18	1.73	n/a	7.51	n/a
19	1.98	n/a	7.56	n/a
20	1.63	n/a	7.58	n/a
21	1.78	n/a	7.50	n/a
22	1.81	n/a	7.51	n/a
23	1.79	n/a	7.51	n/a
24	1.95	n/a	7.51	n/a
25	2.21	n/a	7.53	n/a
26	2.16	n/a	7.53	n/a
27	2.24	n/a	7.53	n/a
28	1.65	n/a	7.50	n/a
29	2.05	n/a	7.51	n/a
30	2.01	n/a	7.52	n/a
Summary	56.10		7.53	
	(total)	(avg.)	(avg.)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemical usage						Free chlorine residual
Calc	Hypo	NaF	4	5	6	
gal	gal	lbs				mg/L
2	21	0				1.17
1	20	100				1.19
1	10	0				1.27
-1	25	50				1.30
2	23	0				1.30
2	24	0				1.29
0	19	0				1.29
1	19	0				1.34
1	21	0				1.34
1	23	0				1.33
2	20	0				1.34
0	12	0				1.39
-1	21	0				1.41
2	18	0				1.40
1	20	0				1.39
2	30	50				1.38
1	15	0				1.37
1	23	0				1.24
2	20	50				1.17
1	24	0				1.13
2	19	0				1.15
1	23	50				1.13
1	19	0				1.14
1	22	0				1.14
2	23	50				1.14
1	26	0				1.16
2	30	0				1.16
3	27	0				1.15
1	20	0				1.17
1	27	0				1.17
37	642	350				1.13
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used
(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	30	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.00

Building 207

Monthly Operating Report
System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: SEP 2014

Signature: B. Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 6:00am	14,185	8.0	.39	.91	.04	116°
2 8:30am	3,682	2.0	.40	.99	.02	116°
3						
4 9:00am	14,787	8.0	.53	.76	.10	115°
5 1pm	8,482	5.0	.55	.89	.05	115°
6						
7 10:00am	13,551	7.0	.54	.91	.12	115°
8						
9	14,194	7.0	.53	.99	.13	114°
10	7,809	4.0	.54	1.22	.42	111°
11						
12 2:00pm	16,987	8.5	.54	1.00	.20	
13						
14 10:00am	13,116	7.0	.55	1.04	.14	114°
15 0830	6,806	3.5	.40	.59	.1	114°
16 0830	6,636	3.5	.39	.89	.07	114°
17 0900	7,532	4.0	.39	.60	.25	112°
18						
19 1300	15,234	8.0	.45	.92	.14	114°
20						
21 1430	13,760	7.0	.45	.99	.12	111°
22 0800	3,791	2.0	.40	.73	.03	113°
23 0800	12,275	7.0	.41	.80	.10	115°
24						
25 800	7,101	4.0	.40	.50	.04	112°
26 0900	6,289	3.5	.40	.55	.04	112°
27						
28	15,723	8.0	.41	.77	.09	112°
29 930	3,871	2.0	.39	.98	.19	112°
30 930	7,122	3.5	.45	.81	.18	111°
31						
Summary	213,936	112.5				

Building 206

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: SEP 2014

Signature: B. Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1	4939	3.0	.39	.88	.01	115°
2 9:00 am	700	.5	.40	.91	.02	115°
3						
4 9:30 am	4,456	2.0	.49	.87	.09	115°
5						
6						
7 11:00 am	4,461	2.5	.51	.91	.04	116°
8						
9 1:00 pm	5,952	3.0	.52	.66	.03	116°
10			.63		.08	
11 11:00 am	6,796	4.0	.53	.88	.10	116°
12 1:00 pm	2,964	1.5	.53	.91	.09	116°
13						
14						
15	1988	1.0	.44	.87	.05	115°
16 0830	2,294	1.25	.44	.85	.09	114°
17	2,568	1.50	.45	.89	.10	114°
18						
19 1400	8667	4.5	.44	.91	.07	114°
20						
21						
22 900	5,417	3.0	.40	1.40	.06	114°
23 111						
24 1030	5,030	2.5	.41	1.10	.07	114°
25	2,119	1.0	.37	.96	.01	116°
26	2,264	1.0	.40	.99	.04	116°
27						
28						
29 1000	5,865	3	.35	.48	.03	115°
30 1000	2,628	1.5	.38	.76	.07	114°
31						
Summary	69,108	36.75				

MAINE DRINKING WATER PROGRAM

TOTAL COLIFORM BACTERIA RESULTS

Please read the sampling instructions on the back of this form. Sample Collector must fill out shaded sections.

For small water systems taking less than 10 samples per month.

Water Test Results for the Month: September Year: 2014

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	622-3701
PWSID#:	92255
Address:	1200 East Pittston Rd East Pittston Maine 04345
Sample Category (1):	Bacti
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME00012
Lab mgr. name:	Jane Mooney
Lab phone #:	jmooney@augustawater.org

#	Sample collection point	Date & time sample was taken	Laboratory sample ID #	Date & time sample was processed	Total Coliform count	Noncoliform count (Mem. filtration only)	Fecal coliform or E. Coli (2)	EPA/STD Method
1	Village Store	9/22/14 7:00	M0920	9/23 @ 7:15	0			9223B
2								
3								
4								

I (we) understand this report will be submitted to the Maine Drinking Water Program.

Sampler's Signature: Bill Wilkinson

Laboratory signature: Jane Mooney

- (1) Routine Compliance, Recheck, Operation & Maintenance, Raw Water, or Special Purpose.
 (2) Fecal Coliform or E. Coli analysis must be performed on all Coliform positive samples.

Rev:
12/98

Brian Tarbuck, General Manager
btarbuck@greateraugustautilitydistrict.org

Ken Knight, Board Chair
kknight@greateraugustautilitydistrict.org

David Smith, Vice-chair
dsmith@greateraugustautilitydistrict.org

Charlene Hamiwka, Treasurer
chamiwka@greateraugustautilitydistrict.org

Andy McPherson, Clerk / Hallowell voting member
amcpherson@greateraugustautilitydistrict.org



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Lesley Jones, Augusta ex-officio member
ljones@greateraugustautilitydistrict.org

November 6, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 September, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207.

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

Sincerely,

Brian Tarbuck, PE
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

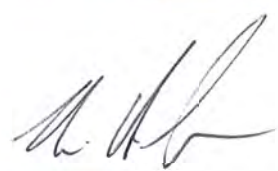
Reporting period: **October - 14**

System Information

Treatment plant/pump station: **Triangle Station**

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: **11/7/2014**

Date	GAUD mg/L	Location	HETL mg/l
10/21/2014 0:00	0.79	Triangle wellhouse	0.8

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.55	95.00	0.64	0.67
2	2.59	93.00	0.68	0.65
3	1.41	51.53	0.65	0.66
4	2.40	85.80	0.60	0.64
5	1.62	65.70	0.62	0.73
6	1.66	65.65	0.62	0.71
7	1.76	20.19	0.24	0.21
8	1.57	32.57	0.19	0.37
9	1.88	68.74	0.60	0.66
10	1.54	63.65	0.72	0.74
11	1.62	66.70	0.73	0.74
12	1.57	69.86	0.74	0.80
13	1.71	72.85	0.74	0.77
14	1.63	70.83	0.50	0.78
15	1.77	70.96	0.38	0.72
16	1.71	84.19	0.81	0.89
17	1.71	84.92	0.83	0.89
18	1.68	81.96	0.81	0.88
19	1.38	66.71	0.83	0.87
20	1.70	75.82	0.83	0.80
21	1.71	81.94	0.79	0.86
22	1.68	80.95	0.82	0.87
23	1.70	76.96	0.81	0.81
24	1.42	68.87	0.79	0.87
25	1.71	80.12	0.79	0.84
26	1.63	81.24	0.81	0.90
27	1.72	83.99	0.82	0.88
28	1.52	73.87	0.78	0.87
29	1.64	74.78	0.80	0.82
30	1.75	80.99	0.80	0.83
31	1.61	76.80	0.78	0.86
Avg	1.73	1,994.69	0.70	0.76
Min	1.38	20.19	0.19	0.21
Max	2.59	95.00	0.83	0.90
Total	53.55	2,247.08		

General Note:

System offline for maintenance

System offline to repair a leak.

Bacteriological Report Form

Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.


 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	24
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform		Method				
										Present/Absent	MF/COLILERT	Lauryl Tryptose	24 hr	48 hr	bril. green	EC 44.5c
1	WESTERN STA.	DIS	MOONEY	10-7-14/10:00	0.86	0.86	0.62	MOONEY	10-7-14/2:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	10-7-14/10:20	1.34	1.33	<.2	MOONEY	10-7-14/2:00	A	COLILERT					
3	NORTHEAST STA.	DIS	MOONEY	10-7-14/10:40	1.12	1.11	0.59	MOONEY	10-7-14/2:00	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	10-7-14/11:00	1.19	1.20	<.2	MOONEY	10-7-14/2:00	A	COLILERT					
5	WILLOW ST. STA.	DIS	MOONEY	10-7-14/11:25	1.07	1.07	0.61	MOONEY	10-7-14/2:00	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	10-7-14/11:45	1.19	1.19	0.65	MOONEY	10-7-14/2:00	A	COLILERT					
7	QUALITY INN	DIS	MOONEY	10-7-14/12:10	0.83	0.83	0.63	MOONEY	10-7-14/2:00	A	COLILERT					
8	WESTERN STA.	DIS	MOONEY	10-14-14/9:55	0.93	0.93	0.74	MOONEY	10-14-14/1:50	A	COLILERT					
9	MANCHESTER TOWN OFFICE	DIS	MOONEY	10-14-14/10:20	0.32	0.32	0.34	MOONEY	10-14-14/1:50	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	10-14-14/10:45	1.34	1.33	0.68	MOONEY	10-14-14/1:50	A	COLILERT					
11	NORTHEAST STA.	DIS	MOONEY	10-14-14/11:00	1.10	1.09	0.78	MOONEY	10-14-14/1:50	A	COLILERT					
12	12 WILLIAMS ST.	DIS	MOONEY	10-14-14/11:20	1.31	1.29	0.73	MOONEY	10-14-14/1:50	A	COLILERT					
13	HOSPITAL ST. STA.	DIS	MOONEY	10-14-14/11:45	0.83	0.83	0.80	MOONEY	10-14-14/1:50	A	COLILERT					
14	TOGUS STA.	DIS	MOONEY	10-14-14/12:10	0.64	0.62	0.70	MOONEY	10-14-14/1:50	A	COLILERT					
15	WESTERN STA.	DIS	MOONEY	10-21-14/10:00	1.11	1.09	0.83	MOONEY	10-21-14/2:00	A	COLILERT					
16	WELLHOUSE	DIS	MOONEY	10-21-14/10:25	1.34	1.31	0.79	MOONEY	10-21-14/2:00	A	COLILERT					
17	NORTHEAST STA.	DIS	MOONEY	10-21-14/10:55	1.38	1.37	0.86	MOONEY	10-21-14/2:00	A	COLILERT					
18	12 WILLIAMS ST.	DIS	MOONEY	10-21-14.11:20	1.36	1.37	0.84	MOONEY	10-21-14/2:00	A	COLILERT					
19	HOSPITAL ST. STA.	DIS	MOONEY	10-21-14/11:40	1.26	1.26	0.82	MOONEY	10-21-14/2:00	A	COLILERT					
20	WESTERN STA.	DIS	MOONEY	10-28-14/9:55	0.80	0.80	0.71	MOONEY	10-28-14/1:45	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	10-28-14/10:20	0.95	0.93	0.81	MOONEY	10-28-14/1:45	A	COLILERT					
22	NORTHEAST STA.	DIS	MOONEY	10-28-14/10:55	1.11	1.10	0.87	MOONEY	10-28-14/1:45	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	10-28-14/11:15	1.14	1.15	0.82	MOONEY	10-28-14/1:45	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	10-28-14/11:40	1.04	1.05	0.77	MOONEY	10-28-14/1:45	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	10-6-14/12:40	0.01	0.01		MOONEY	10-6-14/2:00							0:4ML

Monthly Well Production Report

System Type - All GW systems

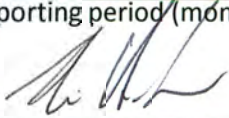
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: btarbuck@augustawater.org

Reporting period (month and year): **October - 14**

Signature:  Date: 11/7/2014

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.78	1.10	0.68	2.55
2	0.82	1.09	0.67	2.59
3	0.37	0.63	0.42	1.41
4	0.82	0.89	0.69	2.40
5	0.78	0.00	0.84	1.62
6	0.62	0.21	0.83	1.66
7	0.88	0.13	0.75	1.76
8	0.71	0.04	0.83	1.57
9	0.86	0.23	0.79	1.88
10	0.70	0.00	0.84	1.54
11	0.80	0.00	0.82	1.62
12	0.73	0.00	0.83	1.57
13	0.88	0.00	0.83	1.71
14	0.61	0.20	0.83	1.63
15	0.87	0.09	0.81	1.77
16	0.88	0.00	0.82	1.71
17	0.88	0.00	0.83	1.71
18	0.87	0.00	0.81	1.68
19	0.54	0.00	0.85	1.38
20	0.88	0.00	0.83	1.70
21	0.88	0.00	0.83	1.71
22	0.87	0.00	0.81	1.68
23	0.61	0.29	0.80	1.70
24	0.55	0.03	0.84	1.42
25	0.33	0.59	0.79	1.71
26	0.00	0.83	0.80	1.63
27	0.21	0.71	0.80	1.72
28	0.18	0.53	0.82	1.52
29	0.18	0.66	0.79	1.64
30	0.13	0.84	0.78	1.75
31	0.00	0.79	0.82	1.61
Sum	19.21	9.88	24.45	53.55

2.59 Maximum flow

1.38 Minimum flow

1.73 Average flow per day

Monthly Operating Report System Type - All GW systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck
2026**

e-mail address: **btarbuck@augustawater.org**

Reporting period (month and year): **October - 14**

Signature:  Date: 11/7/2014

System Information

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

The hypo tank with a level sensor was offlined for cleaning on 10/26. Daily usage data is not reliable in this period.

Daily water production

From table below:

List units: (i.e. lbs, gal)

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	2.55	n/a	7.56	n/a
2	2.59	n/a	7.56	n/a
3	1.41	n/a	7.52	n/a
4	2.40	n/a	7.55	n/a
5	1.62	n/a	7.56	n/a
6	1.66	n/a	7.54	n/a
7	1.76	n/a	7.56	n/a
8	1.57	n/a	7.54	n/a
9	1.88	n/a	7.55	n/a
10	1.54	n/a	7.55	n/a
11	1.62	n/a	7.55	n/a
12	1.57	n/a	7.55	n/a
13	1.71	n/a	7.56	n/a
14	1.63	n/a	7.53	n/a
15	1.77	n/a	7.55	n/a
16	1.71	n/a	7.55	n/a
17	1.71	n/a	7.55	n/a
18	1.68	n/a	7.56	n/a
19	1.38	n/a	7.53	n/a
20	1.70	n/a	7.55	n/a
21	1.71	n/a	7.55	n/a
22	1.68	n/a	7.55	n/a
23	1.70	n/a	7.53	n/a
24	1.42	n/a	7.53	n/a
25	1.71	n/a	7.51	n/a
26	1.63	n/a	7.49	n/a
27	1.72	n/a	7.51	n/a
28	1.52	n/a	7.50	n/a
29	1.64	n/a	7.50	n/a
30	1.75	n/a	7.51	n/a
31	1.61	n/a	7.49	n/a
Summary	53.55		7.54	
	(total)	(avg.)	(avg.)	(min.)

Chemical usage

Free chlorine residual

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/l
1	25	0				1.15
1	32	0				1.16
1	31	0				1.12
2	20	0				1.14
1	30	0				1.10
1	19	0				1.10
1	20	0				1.10
1	22	550				1.21
1	20	0				1.30
2	16	0				1.34
1	5	0				1.47
2	20	0				1.45
1	19	0				1.46
1	21	0				1.44
1	20	550				1.42
2	22	0				1.41
2	21	0				1.39
-1	21	0				1.39
1	20	0				1.36
1	15	100				1.37
1	20	0				1.37
2	20	0				1.29
1	19	100				1.36
1	20	0				1.32
1	16	0				1.39
1	20	0				1.41
1	18	0				1.38
2	21	0				1.33
2	16	100				1.26
1	18	0				1.17
1	20	0				1.14
37.88	628.56	1400.00				1.10
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	24	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.07

Building 206

Monthly Operating Report

System Type- All GW system


System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: OCT 2014

Signature: 

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 900	1962	1	.41	.01	.04	114°
2						
3						
4						
5						
6						
7 800	9396	4.5	.48	.68	.05	115°
8 800	2408	1.5	.47	1.06	.19	114°
9 800	2747	1.5	.44	.62	.09	116°
10 930	2917	2.0	.49	.76	.26	115°
11						
12						
13						
14	6,910	3.0	.50	.76	.21	115°
15						
16	7,110	4.5	.55	.79	.26	114°
17	2651	2.0	.52	1.04	.11	113°
18						
19						
20	4982	3.0	.49	.88	.11	113°
21						
22						
23						
24	14,218	8.0	.51	.99	.15	112°
25						
26						
27	8141	5.0	.60	1.35	.33	124°
28						
29						
30	11,982	6.0	.59	1.11	.15	125°
31						
Summary	75,424	42.0				

Building 207

Monthly Operating Report
System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: OCT 2014

Signature: B. Baker

Date/Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1 1000	7,299	3.5	.56	1.07	.24	111°
2 1500	8,208	4.0	.55	1.06	.19	111°
3						
4						
5 1700	20,564	10.0	.58	1.00	.20	111°
6						
7 800	9,589	5.0	.41	1.05	.03	112°
8 800	6,777	4.0	.47	1.27	.20	111°
9 800	6,416	4.0	.45	1.49	.09	113°
10 1000	7,016	4.0	.56	.92	.21	112°
11						
12	13,949	7.0	.42	.92	.39	111°
13						
14 800	9,218	5.0	.43	1.02	.1	111°
15						
16 1600	15,227	8.0	.50	.54	1.24	111°
17 1330	6,842	4.0	.51	.77	.22	111°
18						
19 900	11,175	5.5	.52	.88	.17	112°
20 830	5,865	3.0	.52	1.12	.22	111°
21						
22	13,953	7.0	.53	1.10	.22	112°
23						
24	11,144	6.0	.55	1.00	.33	109°
25	11,113	5.0	.55	.97	.10	110°
26 830	10,353	6.0	.55	.92	.19	110°
27 830	5,806	3.0	.55	1.28	.37	110°
28						
29	11,662	6.0	.55	1.01	.30	111°
30	5,577	3.0	.56	1.00	.22	111°
31						
Summary	187,140	98.0				

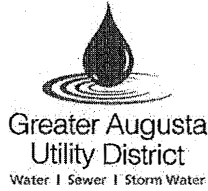
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kknight@greataugustautilitydistrict.org

David Smith, Vice-chair
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ljones@greataugustautilitydistrict.org

December 5, 2014

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:


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 November, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pumpage report;
4. Triangle Station Monthly Operating Report; and
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207.

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

Sincerely,

Brian Tarbuck, PE
General Manager

Monthly Fluoride Report		System Information			
System Type - Fluoride Systems		Treatment plant/pump station	Triangle Station		
System Name:	Greater Augusta Utility District	Fluoride Chemical Used:	Sodium Fluoride		
PWSID#:	90080				
Reporting period:	November - 14	Notes: See notes below for specific operating conditions.			
 Signature: _____ Date: 12/5/2014		Date	GAUD mg/L	Location	HETL mg/L
		11/13/2014 12:45	0.80	Triangle Station	0.90

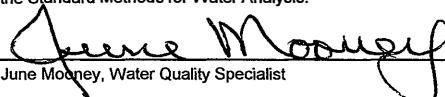
Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.68	77.88	0.79	0.83
2	1.30	64.77	0.77	0.90
3	1.80	85.94	0.78	0.86
4	1.67	74.80	0.80	0.81
5	1.66	80.88	0.82	0.88
6	1.81	83.94	0.79	0.84
7	1.70	82.83	0.83	0.88
8	1.56	75.83	0.82	0.88
9	1.64	79.94	0.82	0.88
10	1.80	87.15	0.81	0.87
11	1.30	64.72	0.82	0.90
12	1.63	75.45	0.79	0.83
13	1.73	83.85	0.80	0.87
14	1.48	69.80	0.79	0.85
15	1.55	67.76	0.73	0.79
16	1.87	79.80	0.72	0.77
17	1.58	63.80	0.72	0.73
18	1.67	71.82	0.72	0.77
19	1.63	71.91	0.72	0.79
20	1.71	73.86	0.72	0.78
21	1.70	65.68	0.74	0.70
22	1.38	59.59	0.69	0.78
23	1.67	71.80	0.66	0.77
24	1.76	72.73	0.68	0.74
25	1.73	73.77	0.70	0.77
26	1.78	67.80	0.78	0.68
27	1.23	50.54	0.77	0.74
28	1.53	62.66	0.72	0.74
29	1.04	42.48	0.74	0.73
30	1.31	53.57	0.66	0.74
Avg	1.60	71.25	0.76	0.80
Min	1.04	42.48	0.66	0.68
Max	1.87	87.15	0.83	0.90
Total	47.90	2,137.37		

General Note:

Bacteriological Report Form

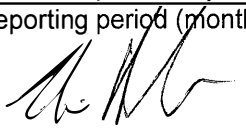
Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.


 June Mooney, Water Quality Specialist

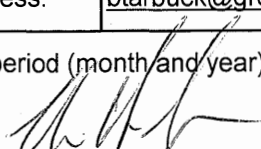
Number of samples required	15
Number of samples taken for compliance	25
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform	Method	Lauryl Tryptose		EC 44.5c	HPC 48 hrs	
										Present/Absent	MF/COLILERT	24 hr	48 hr bril. green			
1	HOSPITAL ST. STA.	DIS	MOONEY	11-4-14/8:50	1.10	1.09	0.82	MOONEY	11-4-14/2:00	A	COLILERT					
2	12 WILLIAMS ST.	DIS	MOONEY	11-4-14/9:10	1.20	1.20	0.80	MOONEY	11-4-14/2:00	A	COLILERT					
3	WILLOW ST. STA.	DIS	MOONEY	11-4-14/9:35	0.93	0.93	0.79	MOONEY	11-4-14/2:00	A	COLILERT					
4	WELLHOUSE	DIS	MOONEY	11-4-14/9:55	1.08	1.07	0.82	MOONEY	11-4-14/2:00	A	COLILERT					
5	NORTHWEST STA.	DIS	MOONEY	11-4-14/10:20	1.10	1.11	0.79	MOONEY	11-4-14/2:00	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	11-4-14/10:50	0.73	0.74	0.71	MOONEY	11-4-14/2:00	A	COLILERT					
7	GREYBIRCH	DIS	MOONEY	11-4-14/11:10	0.60	0.61	0.74	MOONEY	11-4-14/2:00	A	COLILERT					
8	QUALITY INN	DIS	MOONEY	11-4-14/11:35	0.61	0.62	0.75	MOONEY	11-4-14/2:00	A	COLILERT					
9	MANCHESTER TOWN OFFICE	DIS	MOONEY	11-12-14/10:30	0.29	0.30	374.00	MOONEY	11-12-14/2:15	A	COLILERT					
10	WESTERN STA.	DIS	MOONEY	11-12-14/11:00	0.82	0.82	0.75	MOONEY	11-12-14/2:15	A	COLILERT					
11	WELLHOUSE	DIS	MOONEY	11-12-14/11:20	1.10	1.08	0.84	MOONEY	11-12-14/2:15	A	COLILERT					
12	NORTHWEST STA.	DIS	MOONEY	11-12-14/11:45	1.20	1.21	0.82	MOONEY	11-12-14/2:15	A	COLILERT					
13	12 WILLIAMS ST.	DIS	MOONEY	11-12-14/12:10	1.23	1.21	0.83	MOONEY	11-12-14/2:15	A	COLILERT					
14	HOSPITAL ST. STA.	DIS	MOONEY	11-12-14/12:30	1.05	1.04	0.80	MOONEY	11-12-14/2:15	A	COLILERT					
15	WESTERN STA.	DIS	MOONEY	11-18-14/9:40	1.08	1.08	0.64	MOONEY	11-19-14/8:00	A	COLILERT					
16	WELLHOUSE	DIS	MOONEY	11-18-14/10:00	1.13	1.13	0.74	MOONEY	11-19-14/8:00	A	COLILERT					
17	NORTHWEST STA.	DIS	MOONEY	11-18-14/10:25	1.20	1.19	0.65	MOONEY	11-19-14/8:00	A	COLILERT					
18	12 WILLIAMS ST.	DIS	MOONEY	11-18-14/10:50	1.13	1.13	0.71	MOONEY	11-19-14/8:00	A	COLILERT					
19	HOSPITAL ST. STA.	DIS	MOONEY	11-18-14/1:30	1.05	1.05	0.68	MOONEY	11-19-14/8:00	A	COLILERT					
20	K. V. CREDIT UNION	DIS	MOONEY	11-18-14/2:00	0.94	0.95	0.67	MOONEY	11-19-14/8:00	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	11-24-14/8:50	0.78	0.76	0.76	MOONEY	11-24-14/1:15	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	11-24-14/9:10	1.23	1.21	0.76	MOONEY	11-24-14/1:15	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	11-24-14/9:50	1.07	1.04	0.72	MOONEY	11-24-14/1:15	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	11-24-14/10:25	0.94	0.94	0.73	MOONEY	11-24-14/1:15	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	11-24-14/10:45	0.89	0.89	0.74	MOONEY	11-24-14/1:15	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	11-18-14/7:15	0.00	0.00		MOONEY	11-18-14/8:35					cond.=1.49	us/cm	0:4ml

Monthly Well Production Report	
System Type - All GW systems	
System Name:	Greater Augusta Utility District
PWSID#:	90080
Designated operator name and ME License #:	Brian Tarbuck 2026
e-mail address:	bstarbuck@greteraugustautilitydistrict.org
Reporting period (month and year):	November - 14
Signature: 	Date: 12/5/2014

System Information	
Treatment plant/pump station:	All wells
	Select one
Community System →	<input checked="" type="checkbox"/>
Non-transient Non-community →	<input type="checkbox"/>
Transient Non-Community →	<input type="checkbox"/>
List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
List any operation problems or comments:	

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.00	0.90	0.78	1.68
2	0.21	0.30	0.79	1.30
3	0.38	0.63	0.78	1.80
4	0.06	0.81	0.79	1.67
5	0.00	0.86	0.79	1.66
6	0.22	1.05	0.54	1.81
7	0.00	1.11	0.59	1.70
8	0.00	1.15	0.41	1.56
9	0.11	1.14	0.39	1.64
10	0.30	1.14	0.36	1.80
11	0.00	0.94	0.36	1.30
12	0.00	1.15	0.49	1.63
13	0.00	1.14	0.59	1.73
14	0.00	1.15	0.33	1.48
15	0.19	1.14	0.21	1.55
16	0.37	1.13	0.37	1.87
17	0.08	1.15	0.35	1.58
18	0.12	1.13	0.41	1.67
19	0.00	1.15	0.49	1.63
20	0.12	1.13	0.46	1.71
21	0.00	1.12	0.58	1.70
22	0.00	1.14	0.24	1.38
23	0.00	1.12	0.55	1.67
24	0.45	0.92	0.39	1.76
25	0.14	1.12	0.47	1.73
26	0.23	1.10	0.45	1.78
27	0.04	0.47	0.73	1.23
28	0.67	0.52	0.34	1.53
29	0.25	0.49	0.30	1.04
30	0.37	0.58	0.35	1.31
Sum	4.32	28.92	14.67	47.90

Monthly Operating Report
System Type - All GW systems
 System Name: **Greater Augusta Utility District**
 PWSID#: 90080
 Designated operator name and ME License #: Brian Tarbuck 2026
 e-mail address: btarbuck@greataugustautilitydistrict.org
 Reporting period (month and year): **November - 14**
 Signature:  Date: 12/5/2014

System Information
 Treatment plant/pump station: **Triangle Station**
 Community water system
 List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):
 List any operational problems or comments:

Daily water production		
Date	Gallons (MGD)	pH
1	1.68	7.50
2	1.30	7.51
3	1.80	7.52
4	1.67	7.50
5	1.66	7.50
6	1.81	7.55
7	1.70	7.52
8	1.56	7.54
9	1.64	7.55
10	1.80	7.57
11	1.30	7.54
12	1.63	7.53
13	1.73	7.53
14	1.48	7.54
15	1.55	7.56
16	1.87	7.57
17	1.58	7.54
18	1.67	7.54
19	1.63	7.53
20	1.71	7.54
21	1.70	7.52
22	1.38	7.53
23	1.67	7.52
24	1.76	7.56
25	1.73	7.54
26	1.78	7.54
27	1.23	7.48
28	1.53	7.62
29	1.04	7.50
30	1.31	7.53
Summary	47.90	7.53

(total) (avg.)

From table below:
 List units: (i.e. lbs, gal)

Chemical usage						Ave free chlorine residual
Calc gal	Hypo gal	NaF lbs	4	5	6	mg/l
1	18					1.17
1	18					1.07
1	16	0				1.10
1	20	100				1.16
1	19	0				1.22
1	20	50				1.21
2	19	0				1.27
1	9					1.27
1	19					1.25
1	19					1.23
1	21					1.18
2	15	100				1.22
0	19					1.24
1	20					1.17
1	16					1.13
1	18					1.16
1	21	100				1.12
1	17					1.11
2	19					1.12
1	18					1.11
1	18	150				1.09
2	18					1.03
1	14					1.04
1	16					1.05
2	21					1.01
1	15	100				0.98
2	19					0.75
1	9					0.75
1	13					0.76
1	11					0.73
35	513	600				0.73

(total) (total) (total) (total) (total) (total) (min.)

Chemicals Used
 (report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calcquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.97

Building 206

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: NOV 2014

Signature: B. Baker

Date	Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1							
2							
3		12,535	7.0	.50	.78	.09	125°
4							
5		6,846	3.0	.58	1.09	.14	128°
6							
7		7,312	4.0	.60	.63	.06	125°
8							
9							
10		9,058	5.0	.62	.77	.11	124°
11		4,975	3.0				
12		4,925	3.0	.65	.89	.20	125°
13							
14		7,442	4.0	.68	.89	.11	127°
15							
16							
17		6,488	4.0	.64	.88	.09	127°
18							
19		8,934	5.0	.58	.80	.20	119°
20		3,178	1.5	.60	.88	.19	119°
21							
22							
23		9,453	5.0	.61	.89	.11	123°
24		2,393	1.25	.66	.82	.19	124°
25		3,405	2.0	.69	1.08	.25	120°
26		2,530	1.75	.70	.90	.18	120°
27							
28		4,431	2.0	.68	.88	.09	120°
29							
30							
31							
Summary		88,930	48.5				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: Nov 2014

Signature: B. Baker

Date	Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1							
2		16,467	9.0	.52	.91	.19	112°
3		4,716	3.0	.56	.92	.20	112°
4							
5		11,495	6.0	.64	.92	.11	112°
6							
7		11,033	5.5	.65	.83	.20	111°
8							
9		9,829	5.0	.65	.90	.19	112°
10		6,840	4.0	.65	.87	.20	112°
11							
12		8,812	4.0	.72	1.04	.38	111°
13							
14		10,692	5.0	.71	.98	.17	112°
15							
16		8,394	4.5	.72	.91	.09	111°
17		4,308	2.0	.68	.88	.27	112°
18							
19		10,130	6.0	.72	1.00	.22	111°
20		3,780	1.5	.76	1.19	.49	114°
21		3,153	2.5	.75	1.00	.19	114°
22							
23		7,751	3.0	.73	.89	.09	113°
24		3,743	1.5	.71	.88	.11	112°
25		4,976	2.5	.70	1.00	.44	111°
26		4,497	2.0	.70	.92	.19	111°
27							
28		8,798	4.0	.63	1.11	.09	111°
29							
30		9,134	5.5	.67	.87	.11	112°
31							
Summary		150,048	76.50				

127,619

Brian Tarbuck, General Manager
btarbuck@greataugustautilitydistrict.org

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David Smith, Vice-chair
dsmith@greataugustautilitydistrict.org

Charlene Hamiwka, Treasurer
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January 9, 2015

Jason Pushard
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

Dear Mr. Pushard:

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 December, 2014. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report;
3. South Well, Brookside Well and Triangle Well pump report;
4. Triangle Station Monthly Operating Report;
5. Togus VA Small Water System Chlorination Report Forms for buildings 206 and 207; and
6. East Pittston Water District (PWSID: 92255) Total Coliform Monitoring Report.

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

Sincerely,



Brian Tarbuck, PE
General Manager

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

System Name: **Greater Augusta Utility District**

Treatment plant/pump station: **Triangle Station**
 Fluoride Chemical Used: **Sodium Fluoride**

PWSID#: **90080**

Reporting period: **December - 14**

Notes: See notes below for specific operating conditions.

Signature:  Date: **1/9/2015**

Date	GAUD mg/L	Location	HETL mg/l
12/11/2014 13:00	0.61	Triangle Station	0.60

Fluoride

General Note:

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.00	77.88	0.67	0.70
2	1.74	71.72	0.70	0.74
3	1.68	61.63	0.76	0.66
4	1.79	68.69	0.68	0.69
5	2.22	81.85	0.65	0.66
6	1.53	55.60	0.64	0.65
7	1.44	53.58	0.62	0.67
8	2.03	68.83	0.64	0.61
9	1.49	51.54	0.66	0.62
10	1.57	59.93	0.66	0.69
11	1.66	58.62	0.65	0.64
12	2.05	68.73	0.66	0.60
13	1.37	47.49	0.64	0.62
14	2.15	78.87	0.56	0.66
15	1.45	53.66	0.49	0.66
16	1.51	55.82	0.65	0.66
17	2.11	76.80	0.66	0.66
18	1.45	76.80	0.67	0.95
19	1.91	68.76	0.64	0.65
20	1.46	54.58	0.63	0.67
21	1.30	47.55	0.60	0.66
22	2.28	76.84	0.69	0.61
23	1.38	50.59	0.65	0.66
24	1.32	48.52	0.61	0.66
25	1.36	49.51	0.56	0.66
26	1.98	72.76	0.64	0.66
27	1.21	44.50	0.55	0.66
28	1.30	40.49	0.63	0.56
29	2.28	82.90	0.62	0.65
30	1.18	42.49	0.56	0.65
31	1.49	49.52	0.59	0.60
Avg	1.67	61.20	0.63	0.66
Min	1.18	40.49	0.49	0.56
Max	2.28	82.90	0.76	0.95
Total	51.68	1,897.05		

Bacteriological Report Form

Utility: Greater Augusta Utility District, PWSID ME0090080
Greater Augusta Utility District Laboratory, ME00012

I hereby certify that this report is true and correct and that the bacterial analyses reported herein were performed in accordance with the Standard Methods for Water Analysis.

June Mooney
 June Mooney, Water Quality Specialist

Number of samples required	15
Number of samples taken for compliance	30
Number of quality control samples	1
Number of positive samples	0

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform		Method		Lauryl Tryptose		EC 44.5c	HPC 48 hrs
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green			
1	WESTERN STA.	DIS	MOONEY	12-2-14/8:40	0.80	0.79	0.71	MOONEY	12-2-14/1:15	A	COLILERT						
2	WELLHOUSE	DIS	MOONEY	12-2-14/9:00	1.30	1.29	0.70	MOONEY	12-2-14/1:15	A	COLILERT						
3	NORTHWEST STA.	DIS	MOONEY	12-2-14/9:30	0.78	0.79	0.70	MOONEY	12-2-14/1:15	A	COLILERT						
4	WILLOW ST. STA.	DIS	MOONEY	12-2-14/9:55	0.86	0.86	0.66	MOONEY	12-2-14/1:15	A	COLILERT						
5	12 WILLIAMS ST.	DIS	MOONEY	12-2-14/10:10	1.10	1.08	0.66	MOONEY	12-2-14/1:15	A	COLILERT						
6	HOSPITAL ST. STA.	DIS	MOONEY	12-2-14/10:30	0.73	0.73	0.68	MOONEY	12-2-14/1:15	A	COLILERT						
7	1000 RIVERSIDE DR.	DIS	MOONEY	12-2-14/11:10	0.29	0.29	0.71	MOONEY	12-2-14/1:15	A	COLILERT						
8	QUALITY INN	DIS	MOONEY	12-2-14/11:40	0.67	0.66	0.70	MOONEY	12-2-14/1:15	A	COLILERT						
9	WESTERN STA.	DIS	MOONEY	12-8-12/10:20	0.83	0.82	0.74	MOONEY	12-9-14/9:00	A	COLILERT						
10	MANCHESTER TOWN OFFICE	DIS	MOONEY	12-8-14/10:40	0.39	0.40	0.72	MOONEY	12-9-14/9:00	A	COLILERT						
11	WELLHOUSE	DIS	MOONEY	12-8-14/11:00	0.68	0.67	0.49	MOONEY	12-9-14/9:00	A	COLILERT						
12	NORTHWEST STA.	DIS	MOONEY	12-8-14/11:30	1.21	1.20	0.62	MOONEY	12-9-14/9:00	A	COLILERT						
13	12 WILLIAMS ST.	DIS	MOONEY	12-8-14/11:55	1.32	1.30	0.60	MOONEY	12-9-14/9:00	A	COLILERT						
14	HOSPITAL ST. STA.	DIS	MOONEY	12-8-14/12:20	1.25	1.22	0.63	MOONEY	12-9-14/9:00	A	COLILERT						
15	FARRINGTON SCHOOL	DIS	MOONEY	12-11-14/7:35	0.43	0.45	0.71	MOONEY	12-11-14/8:50	A	COLILERT						
16	WESTERN STA.	DIS	MOONEY	12-15-14/10:40	1.09	1.09	0.66	MOONEY	12-15-14/1:45	A	COLILERT						
17	WELLHOUSE	DIS	MOONEY	12-15-14/11:00	1.16	1.14	0.61	MOONEY	12-15-14/1:45	A	COLILERT						
18	NORTHWEST STA.	DIS	MOONEY	12-15-14/11:40	0.98	0.98	0.68	MOONEY	12-15-14/1:45	A	COLILERT						
19	12 WILLIAMS ST.	DIS	MOONEY	12-15-14/12:00	0.99	0.98	0.75	MOONEY	12-15-14/1:45	A	COLILERT						
20	HOSPITAL ST. STA.	DIS	MOONEY	12-15-14/12:20	0.99	0.98	0.74	MOONEY	12-15-14/1:45	A	COLILERT						
21	WESTERN STA.	DIS	MOONEY	12-22-14/10:20	0.93	0.92	0.70	MOONEY	12-22-14/2:15	A	COLILERT						
22	WELLHOUSE	DIS	MOONEY	12-22-14/10:45	1.28	1.26	0.78	MOONEY	12-22-14/2:15	A	COLILERT						
23	NORTHWEST STA.	DIS	MOONEY	12-22-14/11:15	0.86	0.85	0.69	MOONEY	12-22-14/2:15	A	COLILERT						
24	12 WILLIAMS ST.	DIS	MOONEY	12-22-14/11:35	1.31	1.29	0.86	MOONEY	12-22-14/2:15	A	COLILERT						
25	HOSPITAL ST. STA.	DIS	MOONEY	12-22-14/12:00	1.13	1.12	0.67	MOONEY	12-22-14/2:15	A	COLILERT						
26	WESTERN STA.	DIS	MOONEY	12-29-14/9:50	1.14	1.12	0.64	MOONEY	12-29-14/1:15	A	COLILERT						
27	WELLHOUSE	DIS	MOONEY	12-29-14/10:10	1.28	1.26	0.63	MOONEY	12-29-14/1:15	A	COLILERT						
28	NORTHWEST STA.	DIS	MOONEY	12-29-14/10:50	1.33	1.31	0.65	MOONEY	12-29-14/1:15	A	COLILERT						
29	12 WILLIAMS ST.	DIS	MOONEY	12-29-14/11:10	1.43	1.41	0.64	MOONEY	12-29-14/1:15	A	COLILERT						
30	HOSPITAL ST. STA.	DIS	MOONEY	12-29-14/11:30	1.23	1.22	0.63	MOONEY	12-29-14/1:15	A	COLILERT						
*	LAB DISTILLED WATER	QC	MOONEY	12-9-14/7:10	0.00	0.00		MOONEY	12-9-14/11:00								0:4ML

Monthly Well Production Report

System Type - All GW systems

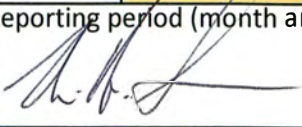
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck**
2026

e-mail address: btarbuck@augustawater.org

Reporting period (month and year): **December - 14**

Signature:  Date: **1/9/2014 2015**

System Information

Treatment plant/pump station: **All wells**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):

List any operation problems or comments:

This sheet reports production from all three wells at Augusta Water District. This is a supplemental report to the MOR.

Daily water production (MG)

Date	Triangle Well	South Well	Brookside Well	Sum
1	0.58	0.93	0.49	2.00
2	0.55	0.77	0.42	1.74
3	0.35	0.95	0.38	1.68
4	0.51	0.70	0.58	1.79
5	0.46	1.10	0.66	2.22
6	0.26	0.86	0.41	1.53
7	0.45	0.64	0.35	1.44
8	0.62	0.88	0.53	2.03
9	0.48	0.66	0.35	1.49
10	0.50	0.68	0.39	1.57
11	0.52	0.74	0.40	1.66
12	0.64	0.91	0.50	2.05
13	0.43	0.61	0.33	1.37
14	0.68	0.94	0.52	2.15
15	0.46	0.64	0.35	1.45
16	0.46	0.68	0.37	1.51
17	0.65	0.95	0.51	2.11
18	0.45	0.65	0.35	1.45
19	0.59	0.85	0.46	1.91
20	0.46	0.65	0.35	1.46
21	0.42	0.56	0.32	1.30
22	0.72	1.01	0.55	2.28
23	0.44	0.59	0.34	1.38
24	0.42	0.59	0.32	1.32
25	0.36	0.63	0.36	1.36
26	0.15	1.12	0.70	1.98
27	0.37	0.54	0.30	1.21
28	0.32	0.70	0.28	1.30
29	0.79	0.86	0.63	2.28
30	0.40	0.46	0.32	1.18
31	0.46	0.68	0.35	1.49
Sum	14.97	23.53	13.18	51.68

Monthly Operating Report
System Type - All GW systems

System Information

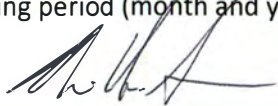
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Designated operator name and ME License #: **Brian Tarbuck 2026**

e-mail address: **bstarbuck@augustawater.org**

Reporting period (month and year): **December - 14**

Signature:  Date: **1/9/2014 2015**

Treatment plant/pump station: **Triangle Station**

Select one

Community System →

Non-transient Non-community →

Transient Non-Community →

List any new or changed system information (facilities, treatments, sources, operators, address, tele, ect.):

List any operational problems or comments:

Daily water production				
Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	2.00	n/a	7.55	n/a
2	1.74	n/a	7.55	n/a
3	1.68	n/a	7.55	n/a
4	1.79	n/a	7.54	n/a
5	2.22	n/a	7.54	n/a
6	1.53	n/a	7.56	n/a
7	1.44	n/a	7.57	n/a
8	2.03	n/a	7.54	n/a
9	1.49	n/a	7.55	n/a
10	1.57	n/a	7.55	n/a
11	1.66	n/a	7.54	n/a
12	2.05	n/a	7.55	n/a
13	1.37	n/a	7.54	n/a
14	2.15	n/a	7.56	n/a
15	1.45	n/a	7.55	n/a
16	1.51	n/a	7.56	n/a
17	2.11	n/a	7.56	n/a
18	1.45	n/a	7.54	n/a
19	1.91	n/a	7.56	n/a
20	1.46	n/a	7.54	n/a
21	1.30	n/a	7.58	n/a
22	2.28	n/a	7.56	n/a
23	1.38	n/a	7.57	n/a
24	1.32	n/a	7.55	n/a
25	1.36	n/a	7.54	n/a
26	1.98	n/a	7.53	n/a
27	1.21	n/a	7.56	n/a
28	1.30	n/a	7.56	n/a
29	2.28	n/a	7.57	n/a
30	1.18	n/a	7.55	n/a
31	1.49	n/a	7.55	n/a
Summary	51.68		7.55	
	(total)	(avg.)	(avg.)	(min.)

Chemical usage						Free chlorine residual
Calc	Hypo	NaF	4	5	6	
gal	gal	lbs				mg/l
1.07	12	0				0.88
0.54	19	0				0.97
2.15	17	100				1.02
1.07	16	0				1.08
2.42	22	0				1.32
1.61	24	0				1.13
0.54	15	0				1.10
1.61	18	0				1.28
1.07	23	50				1.26
1.07	17	0				1.28
0.54	19	0				1.27
0.54	18	100				1.29
1.61	24	0				1.24
0.81	14	0				1.30
1.61	26	0				1.20
0.27	19	0				1.16
0.00	12	0				1.22
2.15	24	50				1.13
1.61	17	0				1.17
1.61	20	0				1.09
1.07	17	0				1.00
0.81	13	100				1.20
0.81	23	0				1.17
4.03	21	0				1.15
0.54	16	0				1.18
1.34	16	0				1.33
0.81	25	0				1.14
1.07	13	100				1.06
0.81	29	0				1.42
1.88	14	0				1.28
1.34	17	50				1.24
38.41	581.29	550.00				0.88
(total)	(total)	(total)	(total)	(total)	(total)	(min.)

From table below:

List units: (i.e. lbs, gal)

Chemicals Used

(report fluoride info on separate fluoride form)

Number	Chemical Name	Purpose	Chemical Strength
1	Calciquest 75 / 25	calcium sequestration / Pb / Cu control	75% polyphosphate
2	Sodium hypochlorite	primary and secondary disinfection	12.50%
3	Sodium fluoride	fluoridation	
4			
5			
6			
Disinfectant			

Summary of Total Coliform Bacteria Rule - please continue to submit complete results

Number of routine samples taken:	25	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.06

Building 206

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: DEC 2014

Signature: B. Baker

Date	Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1		4,758	2.75	.60	.80	.07	124°
2		3,180	1.5	.61	.85	.17	125°
3							
4							
5		9,547	4.5	.62	.90	.20	125°
6							
7							
8		7,977	4.5	.65	1.07	.29	120°
9		2,485	1.5	.65	.99	.19	12
10							
11							
12		10,324	5.0	.78	.83	.06	
13							
14							
15		7,321	3.5	.77	.99	.22	120°
16							
17							
18		9,221	5.0	.78	.98	.19	123°
19		4,282	2.0	.76	.81	.11	
20							
21		4,001	2.0	.76	.99	.20	
22							
23		5,179	3.0	.76	.80	.11	
24		11,104	5.0	.80	1.10	.26	
25							
26							
27							
28							
29		9,263	2.5	.73	1.00	.19	
30							
31							
Summary		88,642	42.75				

Building 207

Monthly Operating Report

System Type- All GW system

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus V.A.)

Operator license #: 3836

Reporting Period: DEC 2014

Signature: B. Baker

Date	Time	Water Treated Gallons	Clearitas Gallons	Pre-Treatment Chlorine (mg/L)	Post-Treatment Chlorine (mg/L)	Recirc Loop Chlorine (mg/L)	Recirc Loop Temperature
1		4,272	2.0	.60	.80	.09	111°
2		4,749	2.5	.64	1.09	.34	111°
3							
4		11,769	5.0	.65	1.01	.19	111°
5		4,065	2.0	.65	.99	.17	110°
6							
7		8632	4.5	.65	.89	.11	111°
8		2,836	1.25	.65	.81	.23	110°
9		5,851	3.0	.65	.90	.11	110°
10							
11							
12		12,653	6.5	.72	1.04	.62	NA
13							
14		9,274	5.5	.72	1.00	.29	NA
15							
16		8661	3.5	.73	.99	.19	NA
17							
18		11,860	5.0	.74	1.01	.20	
19		8,756	4.0	.74	1.11	.33	
20							
21		6,591	2.5	.74	1.01	.22	
22							
23		5,958	2.0	.72	1.09	.68	
24		5,378	2.0	.78	1.14	.19	
25							
26							
27							
28		13,248	7.0	.77	1.00	.18	
29		3,176	1.25	.77	.98	.25	
30							
31		7,005	3.5	.76	.91	.09	
Summary		134,734	63.0				

MAINE DRINKING WATER PROGRAM

TOTAL COLIFORM BACTERIA RESULTS

Please read the sampling instructions on the back of this form. Sample Collector must fill out shaded sections.

For small water systems taking less than 10 samples per month.

Water Test Results for the Month:

December

Year:

2014

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	242-6252
PWSID#:	92255
Address:	1200 East Pittston Road Pittston Maine 04855
Sample Category (1):	Bacter
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME 00012
Lab mgr. name:	Jane Mooney
Lab phone #:	623 4233 x4263

e-mail: jmooney@augusta.water.org

#	Sample collection point	Date & time sample was taken	Laboratory sample ID #	Date & time sample was processed	Total Coliform count	Noncoliform count (Mem. filtration only)	Fecal coliform or E. Coli (2)	EPA/STD Method
1	Village Store	12/11/14 12:10	141217	12/11/14 @ 8:20 am	0			9223B
2	per conversation with Bill Wilkinson, he made							
3	a mistake on the label as to the date.							
4								

I (we) understand this report will be submitted to the Maine Drinking Water Program.

Sampler's Signature:

Bill Wilkinson

Laboratory signature:

Jane Mooney

- (1) Routine Compliance, Recheck, Operation & Maintenance, Raw Water, or Special Purpose.
- (2) Fecal Coliform or E. Coli analysis must be performed on all Coliform positive samples.

Rev:
12/98