

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

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

TRUSTEES:
DAVID BUSTIN
LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
THOMAS A. SOTIR

February 8, 2013

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

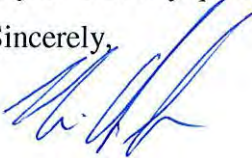
Dear Mr. Pushard:

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, 2013. 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: **January - 13**

System Information

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

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: **2/8/2013**

Date	GAUD mg/L	Location	HETL mg/l
1822/13 11:25 am	0.72	Triangle Station	0.70

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.15	49.53	0.70	0.77
2	1.81	64.65	0.70	0.64
3	1.76	22.24	0.69	0.23
4	1.49	0.00	0.69	0.00
5	1.79	0.00	0.64	0.00
6	1.30	0.00	0.67	0.00
7	1.55	0.00	0.71	0.00
8	1.98	0.00	0.68	0.00
9	1.84	0.00	0.68	0.00
10	1.70	0.00	0.73	0.00
11	1.62	0.00	0.72	0.00
12	1.59	33.37	0.71	0.38
13	1.53	57.64	0.67	0.68
14	1.79	35.28	0.70	0.36
15	1.60	60.57	0.66	0.68
16	1.47	61.62	0.67	0.76
17	1.67	70.74	0.67	0.76
18	1.93	73.80	0.67	0.69
19	1.44	59.63	0.68	0.74
20	1.28	56.64	0.69	0.80
21	1.65	65.88	0.66	0.72
22	1.73	64.74	0.66	0.67
23	1.58	64.64	0.71	0.74
24	1.73	22.23	0.69	0.23
25	1.73	0.00	0.68	0.00
26	1.99	0.00	0.64	0.00
27	1.60	0.00	0.70	0.00
28	1.72	0.00	0.63	0.00
29	1.70	0.00	0.64	0.00
30	1.90	0.00	0.68	0.00
31	1.62	0.00	0.65	0.00
Avg	1.65	27.84	0.68	0.32
Min	1.15	0.00	0.63	0.00
Max	1.99	73.80	0.73	0.80
Total	51.24	863.19		

General Note:
 Operations issues with the fluoride flow meter resulted in no makeup water data for Jan 3 - Jan 11 and Jan 25 - Jan 31.

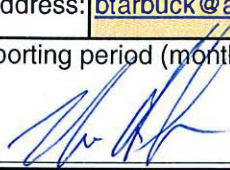
Bacteriological Report Form
 Utility: Greater Augusta Utility District, PWSID 0090080
 Greater Augusta Utility District Laboratory, ME00012

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

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

Seq. #	Samp. #	Location	Sam. Type	Collected by	Collection date & time	Temp (C)	pH	Free Cl ₂	Total Cl ₂	Res'd in lab	Turb (NTU)	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		1:10	48 hrs
130101	1	WESTERN STA	DIS	MOONEY	1-2-13/12:25	8.8	7.5	1.04	1.05	1-2-13/2:15	0.08	0.75	MOONEY	1-3-13/8:30	A	COLILERT							
130102	2	WELLHOUSE	DIS	MOONEY	1-2-13/12:45	12.8	7.5	1.33	1.30	1-2-13/2:15	0.06	0.66	MOONEY	1-3-13/8:30	A	COLILERT							
130103	3	NORTHWEST STA	DIS	MOONEY	1-2-13/1:00	10.2	7.4	1.29	1.27	1-2-13/2:15	0.07	0.68	MOONEY	1-3-13/8:30	A	COLILERT							
130104	4	12 WILLIAMS ST.	DIS	MOONEY	1-2-13/1:25	9.7	7.5	1.19	1.16	1-2-13/2:15	0.04	0.72	MOONEY	1-3-13/8:30	A	COLILERT							
130105	5	HOSPITAL ST. STA	DIS	MOONEY	1-2-13/1:0	8.7	7.4	1.02	1.06	1-2-13/2:15	0.06	0.71	MOONEY	1-3-13/8:30	A	COLILERT							
130106	6	TOGUS STA.	DIS	MOONEY	1-8-13/9:50	5.9	7.4	0.93	0.93	1-8-13/1:30	0.05	0.66	MOONEY	1-8-13/3:00	A	COLILERT							
130107	7	HOSPITAL ST. STA.	DIS	MOONEY	1-8-13/10:30	9.0	7.4	1.17	1.17	1-8-13/1:30	0.06	0.64	MOONEY	1-8-13/3:00	A	COLILERT							
130108	8	12 WILLIAMS ST.	DIS	MOONEY	1-8-13/11:00	10.7	7.4	1.27	1.27	1-8-13/1:30	0.06	0.64	MOONEY	1-8-13/3:00	A	COLILERT							
130109	9	WILLOW ST. STA.	DIS	MOONEY	1-8-13/11:35	8.7	7.4	1.13	1.13	1-8-13/1:30	0.06	0.74	MOONEY	1-8-13/3:00	A	COLILERT							
130110	10	WESTERN STA.	DIS	MOONEY	1-8-13/12:20	8.9	7.4	1.05	1.05	1-8-13/1:30	0.15	0.66	MOONEY	1-8-13/3:00	A	COLILERT							
130111	11	WELLHOUSE	DIS	MOONEY	1-8-13/12:40	15.6	7.5	1.26	1.24	1-8-13/1:30	0.07	0.67	MOONEY	1-8-13/3:00	A	COLILERT							
130112	12	NORTHWEST STA.	DIS	MOONEY	1-8-13/12:55	11.9	7.4	1.38	1.39	1-8-13/1:30	0.05	0.73	MOONEY	1-8-13/3:00	A	COLILERT							
130116	13	WELLHOUSE	DIS	MOONEY	1-15-13/10:00	12.3	7.4	1.02	1.02	1-15-13/12:30	0.06	0.65	MOONEY	1-15-13/2:30	A	COLILERT							
130117	14	NORTHWEST STA.	DIS	MOONEY	1-15-13/10:15	9.7	7.5	1.26	1.26	1-15-13/12:30	0.08	0.71	MOONEY	1-15-13/2:30	A	COLILERT							
130118	15	WESTERN STA.	DIS	MOONEY	1-15-13/10:40	8.3	7.4	0.92	0.92	1-15-13/12:30	0.13	0.64	MOONEY	1-15-13/2:30	A	COLILERT							
130119	16	MANCHESTER TOWN OFFICE	DIS	MOONEY	1-15-13/11:00	7.4	7.4	0.57	0.57	1-15-13/12:30	0.06	0.64	MOONEY	1-15-13/2:30	A	COLILERT							
130120	17	QUALITY INN	DIS	MOONEY	1-15-13/11:20	8.1	7.4	0.81	0.82	1-15-13/12:30	0.07	0.65	MOONEY	1-15-13/2:30	A	COLILERT							
130121	18	12 WILLIAMS ST.	DIS	MOONEY	1-15-13/11:45	10.9	7.4	1.39	1.37	1-15-13/12:30	0.05	0.70	MOONEY	1-15-13/2:30	A	COLILERT							
130122	19	HOSPITAL ST. STA.	DIS	MOONEY	1-15-13/12:05	8.9	7.5	1.26	1.26	1-15-13/12:30	0.05	0.68	MOONEY	1-15-13/2:30	A	COLILERT							
130126	20	WESTERN STA.	DIS	MOONEY	1-22-13/11:05	8.4	7.5	1.24	1.24	1-22-13/1:10	0.07	0.65	MOONEY	1-22-13/2:20	A	COLILERT							
130127	21	WELLHOUSE	DIS	MOONEY	1-22-13/11:25	13.8	7.5	1.26	1.27	1-22-13/1:10	0.06	0.72	MOONEY	1-22-13/2:20	A	COLILERT							
130128	22	NORTHWEST STA	DIS	MOONEY	1-22-13/11:50	9.2	7.5	1.32	1.31	1-22-13/1:10	0.07	0.74	MOONEY	1-22-13/2:20	A	COLILERT							
130129	23	12 WILLIAMS ST.	DIS	MOONEY	1-22-13/12:20	9.8	7.5	1.26	1.26	1-22-13/1:10	0.04	0.72	MOONEY	1-22-13/2:20	A	COLILERT							
130130	24	HOSPITAL ST. STA.	DIS	MOONEY	1-22-13/12:50	7.8	7.5	1.15	1.16	1-22-13/1:10	0.05	0.70	MOONEY	1-22-13/2:20	A	COLILERT							
130132	25	WESTERN STA.	DIS	MOONEY	1-29-13/11:00	7.9	7.4	1.26	1.27	1-29-13/1:15	0.05	0.63	MOONEY	1-29-13/2:45	A	COLILERT							
130133	26	WELLHOUSE	DIS	MOONEY	1-29-13/11:30	15.0	7.5	1.28	1.27	1-29-13/1:15	0.15	0.67	MOONEY	1-29-13/2:45	A	COLILERT							
130134	27	NORTHWEST STA.	DIS	MOONEY	1-29-13/11:50	8.2	7.5	1.15	1.16	1-29-13/1:15	0.12	0.60	MOONEY	1-29-13/2:45	A	COLILERT							
130135	28	12 WILLIAMS ST.	DIS	MOONEY	1-29-13/12:15	10.8	7.5	1.31	1.29	1-29-13/1:15	0.05	0.70	MOONEY	1-29-13/2:45	A	COLILERT							
130136	29	HOSPITAL ST. STA.	DIS	MOONEY	1-29-13/12:40	8.0	7.5	1.18	1.18	1-29-13/1:15	0.05	0.69	MOONEY	1-29-13/2:45	A	COLILERT							
130113	*	DISTILLED WATER	QC	MOONEY	1-14-13/9:00			0.01	0.01	1-14-13/9:00			MOONEY	1-14-13/11:15							COND.=1.09	us/cm	0.4ML

Monthly Well Production Report System Type - All GW systems		System Information	
System Name:	Greater Augusta Utility District	Treatment plant/pump station:	All wells
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):	January - 13	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 2/8/2013	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	0.89	0.00	0.26	1.15
2	0.82	0.52	0.47	1.81
3	0.81	0.47	0.47	1.76
4	0.85	0.18	0.45	1.49
5	0.80	0.46	0.53	1.79
6	0.87	0.00	0.42	1.30
7	0.85	0.63	0.06	1.55
8	0.60	1.13	0.25	1.98
9	0.49	1.14	0.22	1.84
10	0.55	1.15	0.00	1.70
11	0.45	1.17	0.00	1.62
12	0.42	1.17	0.00	1.59
13	0.45	0.98	0.10	1.53
14	0.43	1.14	0.22	1.79
15	0.47	0.87	0.27	1.60
16	0.86	0.12	0.48	1.47
17	0.84	0.06	0.76	1.67
18	0.79	0.45	0.69	1.93
19	0.84	0.30	0.30	1.44
20	0.87	0.00	0.40	1.28
21	0.82	0.45	0.38	1.65
22	0.81	0.56	0.36	1.73
23	0.02	1.17	0.39	1.58
24	0.12	1.15	0.46	1.73
25	0.16	1.15	0.42	1.73
26	0.32	1.14	0.53	1.99
27	0.25	1.16	0.19	1.60
28	0.46	0.77	0.49	1.72
29	0.57	0.40	0.74	1.70
30	0.56	0.66	0.68	1.90
31	0.49	0.41	0.72	1.62
Sum	18.55	20.98	11.71	51.24

Monthly Operating Report
System Type - All GW systems

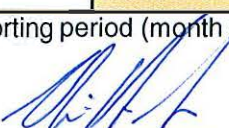
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: **2/8/2013**

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	1.15	n/a	7.65	n/a
2	1.81	n/a	7.62	n/a
3	1.76	n/a	7.62	n/a
4	1.49	n/a	7.61	n/a
5	1.79	n/a	7.61	n/a
6	1.30	n/a	7.62	n/a
7	1.55	n/a	7.62	n/a
8	1.98	n/a	7.63	n/a
9	1.84	n/a	7.65	n/a
10	1.70	n/a	7.66	n/a
11	1.62	n/a	7.67	n/a
12	1.59	n/a	7.68	n/a
13	1.53	n/a	7.68	n/a
14	1.79	n/a	7.67	n/a
15	1.60	n/a	7.68	n/a
16	1.47	n/a	7.63	n/a
17	1.67	n/a	7.61	n/a
18	1.93	n/a	7.61	n/a
19	1.44	n/a	7.62	n/a
20	1.28	n/a	7.62	n/a
21	1.65	n/a	7.62	n/a
22	1.73	n/a	7.62	n/a
23	1.58	n/a	7.65	n/a
24	1.73	n/a	7.65	n/a
25	1.73	n/a	7.65	n/a
26	1.99	n/a	7.65	n/a
27	1.60	n/a	7.68	n/a
28	1.72	n/a	7.65	n/a
29	1.70	n/a	7.61	n/a
30	1.90	n/a	7.61	n/a
31	1.62	n/a	7.62	n/a
Summary	51.24		7.64	
	(total)	(avg.)	(avg.)	(min.)

From table below:

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

Chemical usage						Free chlorine residual
Calc	Hypo	NaF	4	5	6	mg/L
gal	gal	lbs				
0	16	0				1.15
2	16	50				1.21
1	22	0				1.20
1	21	50				1.19
0	19	0				1.21
1	21	0				1.17
1	15	50				1.19
1	21	0				1.22
1	23	0				1.21
1	22	50				1.20
1	20	0				1.19
0	19	0				1.17
1	19	0				1.14
1	21	50				1.22
2	10	0				1.23
1	20	0				1.25
1	19	0				1.28
1	22	0				1.29
1	25	0				1.25
0	15	0				1.22
1	17	0				1.26
1	19	50				1.24
1	24	0				1.27
1	19	0				1.27
1	23	0				1.27
0	20	0				1.26
1	24	0				1.23
-1	19	50				1.22
2	23	0				1.24
0	18	50				1.26
0	16	0				1.24
23.37	607.66	400.00				1.14
(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:	29	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.16

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~~

JANUARY 2013

Signature:

Benjamin J Baker #3836

Benjamin.Baker2@VA.Gov

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2	2,797	1.25	1.0	1.2
3	1,619	.75	1.0	1.0
4	1,322	.75	.8	1.0
5				
6				
7				
8	5,104	2.0	1.0	1.3
9	1,886	1.0	.9	1.2
10	1,680	.75	.8	1.1
11	1,396	.75	1.0	1.1
12		1.		
13				
14	4,546	2.0	.9	1.3
15	1,550	.50	.9	1.6
16	1,723	.75	1.0	1.2
17	2,083	1.0	.9	1.1
18	2,012	1.0	1.0	1.1
19				
20				
21				
22	6,477	3.0	1.0	1.4
23	1,816	.75	1.0	1.2
24	1,562	.75	1.0	1.2
25	1,749	.75	.8	1.1
26				
27				
28	3,976	2.0	1.0	1.5
29	2,153	1.0	.8	1.3
30	2,369	1.0	1.0	1.4
31	1,804	1.0	1.0	1.4
Summary	49,624	22.75		

Phone: (207) 622-3701

GREATER AUGUSTA UTILITY DISTRICT

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March 8, 2013

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

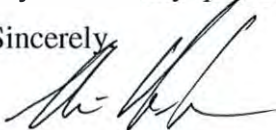
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1. Fluoridation Report;
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4. Triangle Station Monthly Operating Report; and
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If you have any questions, please contact me at 622-3701.

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **February - 13**

Signature: 

Date: **3/8/2013**

System Information

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

Notes: See notes below for specific operating conditions.

Date	GAUD mg/L	Location	HETL mg/l
2/13/2013 11:30	0.66	Triangle Station	0.70

Fluoride

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.85	0.00	0.66	0.00
2	1.75	0.00	0.63	0.00
3	1.30	0.00	0.67	0.00
4	1.83	0.00	0.65	0.00
5	1.61	0.00	0.67	0.00
6	1.73	0.00	0.64	0.00
7	1.89	0.00	0.66	0.00
8	2.27	42.44	0.63	0.34
9	1.26	53.50	0.70	0.77
10	1.80	69.71	0.65	0.70
11	1.63	64.65	0.66	0.72
12	1.83	66.74	0.64	0.66
13	1.86	71.50	0.65	0.69
14	1.84	72.81	0.65	0.71
15	2.04	76.92	0.63	0.68
16	1.53	65.68	0.69	0.77
17	1.53	63.61	0.68	0.75
18	1.81	72.76	0.64	0.72
19	1.31	51.56	0.69	0.71
20	1.79	0.00	0.63	0.00
21	1.78	0.00	0.64	0.00
22	1.71	0.00	0.66	0.00
23	1.60	0.00	0.66	0.00
24	1.33	0.00	0.67	0.00
25	1.83	0.00	0.64	0.00
26	1.79	0.00	0.66	0.00
27	1.86	26.56	0.65	0.26
28	1.70	0.00	0.67	0.00
Avg	1.72	28.52	0.66	0.30
Min	2.27	0.00	0.63	0.00
Max	1.26	76.92	0.70	0.77
Total	48.05	798.44		

General Note:

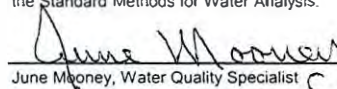
Transmitter failure with the fluoride flow meter resulted in no makeup water data for Feb 1 - Feb 7 and Feb 20 - Feb 28. Totalizer readings are taken when the well is checked during weekdays.

The daily residual is measured continuously by a Hach CA610 fluoride analyzer which shows consistent fluoride dosing within the optimal range.

Bacteriological Report Form

Utility: Greater Augusta Utility District, PWSID 0090080
 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	2-6-13/11:00	1.05	1.05	0.67	MOONEY	2-6-13/2:15	A	COLILERT						
2	WELLHOUSE	DIS	MOONEY	2-6-13/11:20	1.37	1.36	0.69	MOONEY	2-6-13/2:15	A	COLILERT						
3	NORTHWEST STA.	DIS	MOONEY	2-6-13/11:40	1.47	1.46	0.68	MOONEY	2-6-13/2:15	A	COLILERT						
4	WILLOW ST. STA.	DIS	MOONEY	2-6-13/11:55	1.34	1.32	0.72	MOONEY	2-6-13/2:15	A	COLILERT						
5	12 WILLIAMS ST.	DIS	MOONEY	2-6-13/12:15	1.29	1.28	0.72	MOONEY	2-6-13/2:15	A	COLILERT						
6	HOSPITAL ST. STA.	DIS	MOONEY	2-6-13/12:40	1.22	1.21	0.70	MOONEY	2-6-13/2:15	A	COLILERT						
7	WESTERN STA.	DIS	MOONEY	2-12-13/9:30	1.08	1.09	0.66	MOONEY	2-12-13/3:00	A	COLILERT						
8	WELLHOUSE	DIS	MOONEY	2-12-13/9:55	1.40	1.38	0.76	MOONEY	2-12-13/3:00	A	COLILERT						
9	12 WILLIAMS ST.	DIS	MOONEY	2-12-13/10:25	1.46	1.46	0.72	MOONEY	2-12-13/3:00	A	COLILERT						
10	HOSPITAL ST. STA.	DIS	MOONEY	2-12-13/10:50	1.38	1.36	0.66	MOONEY	2-12-13/3:00	A	COLILERT						
11	QUALITY INN	DIS	MOONEY	2-12-13/11:30	1.14	1.14	0.63	MOONEY	2-12-13/3:00	A	COLILERT						
12	MANCHESTER TOWN OFFICE	DIS	MOONEY	2-13-13/10:30	0.77	0.78	0.64	MOONEY	2-13-13/2:30	A	COLILERT						
13	GREYBIRCH	DIS	MOONEY	2-13-13/11:00	1.12	1.09	0.65	MOONEY	2-13-13/2:30	A	COLILERT						
14	NORTHWEST STA.	DIS	MOONEY	2-13-13/11:40	1.46	1.46	0.68	MOONEY	2-13-13/2:30	A	COLILERT						
15	WESTERN STA.	DIS	MOONEY	2-19-13/10:35	1.16	1.15	0.66	MOONEY	2-19-13/2:30	A	COLILERT						
16	WELLHOUSE	DIS	MOONEY	2-19-13/11:00	1.33	1.33	0.74	MOONEY	2-19-13/2:30	A	COLILERT						
17	NORTHWEST STA.	DIS	MOONEY	2-19-13/11:15	1.41	1.40	0.75	MOONEY	2-19-13/2:30	A	COLILERT						
18	12 WILLIAMS ST.	DIS	MOONEY	2-19-13/11:40	1.26	1.26	0.71	MOONEY	2-19-13/2:30	A	COLILERT						
19	HOSPITAL ST. STA.	DIS	MOONEY	2-19-13/12:00	1.10	1.10	0.69	MOONEY	2-19-13/2:30	A	COLILERT						
20	HOSPITAL ST. STA.	DIS	MOONEY	2-27-13/10:20	1.21	1.21	0.67	MOONEY	2-27-13/2:00	A	COLILERT						
21	12 WILLIAMS ST.	DIS	MOONEY	2-27-13/10:40	1.32	1.31	0.69	MOONEY	2-27-13/2:00	A	COLILERT						
22	NORTHWEST STA.	DIS	MOONEY	2-27-13/11:15	1.35	1.35	0.75	MOONEY	2-27-13/2:00	A	COLILERT						
23	K.V. CREDIT UNION	DIS	MOONEY	2-27-13/11:35	1.10	1.09	0.61	MOONEY	2-27-13/2:00	A	COLILERT						
24	WELLHOUSE	DIS	MOONEY	2-27-13/11:55	1.27	1.26	0.63	MOONEY	2-27-13/2:00	A	COLILERT						
25	WESTERN STA.	DIS	MOONEY	2-27-13/12:10	1.16	1.16	0.61	MOONEY	2-27-13/2:00	A	COLILERT						
*	LAB DISTILLED WATER	QC	MOONEY	2-11-13/9:00	0.01	0.01		MOONEY	2-11-13/11:00						COND.=1.33	us/cm	0.4ML

Monthly Well Production Report
System Type - All GW systems

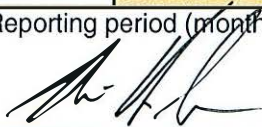
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: **3/8/2013**

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	0.51	0.66	0.69	1.85
2	0.60	0.42	0.73	1.75
3	0.44	0.07	0.79	1.30
4	0.56	0.58	0.69	1.83
5	0.83	0.59	0.19	1.61
6	0.82	0.63	0.28	1.73
7	0.81	0.72	0.36	1.89
8	0.61	1.08	0.58	2.27
9	0.00	1.18	0.08	1.26
10	0.34	1.13	0.33	1.80
11	0.18	1.15	0.30	1.63
12	0.32	1.12	0.38	1.83
13	0.05	1.13	0.68	1.86
14	0.00	1.14	0.70	1.84
15	0.28	1.11	0.65	2.04
16	0.00	1.15	0.38	1.53
17	0.00	1.15	0.38	1.53
18	0.00	1.13	0.68	1.81
19	0.21	0.63	0.47	1.31
20	0.62	0.47	0.69	1.79
21	0.57	0.51	0.70	1.78
22	0.53	0.46	0.71	1.71
23	0.55	0.33	0.72	1.60
24	0.55	0.00	0.78	1.33
25	0.63	0.50	0.69	1.83
26	0.20	1.14	0.45	1.79
27	0.37	1.13	0.36	1.86
28	0.29	1.01	0.41	1.70
29				0.00
Sum	10.88	22.32	14.85	48.05

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: **bstarbuck@augustawater.org**

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

Signature:  Date: **3/8/2013**

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	1.85	n/a	7.62	n/a
2	1.75	n/a	7.61	n/a
3	1.30	n/a	7.60	n/a
4	1.83	n/a	7.61	n/a
5	1.61	n/a	7.64	n/a
6	1.73	n/a	7.64	n/a
7	1.89	n/a	7.64	n/a
8	2.27	n/a	7.63	n/a
9	1.26	n/a	7.69	n/a
10	1.80	n/a	7.68	n/a
11	1.63	n/a	7.68	n/a
12	1.83	n/a	7.67	n/a
13	1.86	n/a	7.65	n/a
14	1.84	n/a	7.65	n/a
15	2.04	n/a	7.65	n/a
16	1.53	n/a	7.67	n/a
17	1.53	n/a	7.67	n/a
18	1.81	n/a	7.64	n/a
19	1.31	n/a	7.65	n/a
20	1.79	n/a	7.63	n/a
21	1.78	n/a	7.62	n/a
22	1.71	n/a	7.62	n/a
23	1.60	n/a	7.62	n/a
24	1.33	n/a	7.61	n/a
25	1.83	n/a	7.62	n/a
26	1.79	n/a	7.66	n/a
27	1.86	n/a	7.68	n/a
28	1.70	n/a	7.68	n/a
Summary	48.05		7.64	
	(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	23	0				1.27
-1	21	0				1.31
3	23	0				1.31
1	15	0				1.32
1	23	50				1.27
1	20	0				1.26
1	21	0				1.28
1	24	0				1.32
0	29	0				1.29
1	15	0				1.29
2	22	0				1.28
1	19	50				1.29
-1	23	0				1.31
2	24	0				1.32
1	23	50				1.25
1	23	0				1.20
1	18	0				1.20
2	19	0				1.21
0	19	0				1.18
0	15	0				1.18
2	20	0				1.18
0	21	0				1.18
2	19	0				1.18
1	18	0				1.18
0	15	50				1.19
1	21	50				1.18
2	21	0				1.16
-1	20	50				1.13
22.30	574.26	300.00				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	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:	1.25

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~~ February 2013

Benjamin.Baker2@VA.gov

Signature: Benjamin J Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2				
3				
4	7,087	3.25	.9	1.2
5	1,403	.75	1.1	1.3
6	1,646	.75	1.1	1.5
7	1,786	1.0	1.1	1.3
8	2,021	1.0	1.1	1.3
9				
10				
11	3,937	2.0	1.1	1.3
12	1,730	.5	1.1	1.3
13	1,983	1.0	1.0	1.2
14	1,960	1.0	1.1	1.6
15	1,851	1.0	1.2	1.3
16				
17				
18				
19	6,331	3.25	1.3	1.5
20	1,559	.75	1.1	1.3
21	1,703	1.0	1.1	1.6
22	2,952	1.0	1.1	1.8
23				
24				
25	5,170	2.25	1.0	1.2
26	1,712	1.0	1.2	1.6
27	2,424	1.0	1.2	1.4
28	3,174	2.0	1.2	1.3
29				
30				
31				
Summary	49,529	24.5	-	

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

BRIAN TARBUCK
General Manager

TRUSTEES:
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ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

April 10, 2013

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

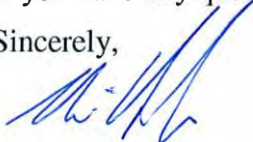
Dear Mr. Pushard:

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, 2013. 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. East Pittston Total Coliform Monitoring Report (PWSID 92255); and
6. 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: **March - 13**

Signature:  Date: **4/10/2013**

System Information

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

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Date	GAUD mg/L	Location	HETL mg/L
3/12/2013 10:00	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	1.87	0.00	0.67	0.00
2	1.71	0.00	0.69	0.00
3	1.67	0.00	0.66	0.00
4	1.82	0.00	0.65	0.00
5	1.49	0.00	0.65	0.00
6	1.83	0.00	0.67	0.00
7	1.81	0.00	0.69	0.00
8	1.75	0.00	0.68	0.00
9	1.69	0.00	0.67	0.00
10	1.46	0.00	0.67	0.00
11	1.83	0.00	0.66	0.00
12	1.86	0.00	0.66	0.00
13	1.73	0.00	0.68	0.00
14	1.77	0.00	0.67	0.00
15	1.84	0.00	0.68	0.00
16	1.73	0.00	0.69	0.00
17	1.56	0.00	0.69	0.00
18	1.68	0.00	0.70	0.00
19	1.74	0.00	0.73	0.00
20	1.78	0.00	0.71	0.00
21	1.77	0.00	0.53	0.00
22	1.89	0.00	0.73	0.00
23	1.73	0.00	0.58	0.00
24	1.64	0.00	0.68	0.00
25	1.80	0.00	0.77	0.00
26	1.68	0.00	0.79	0.00
27	1.62	0.00	0.82	0.00
28	1.86	0.00	0.84	0.00
29	1.65	0.00	0.79	0.00
30	1.67	0.00	0.79	0.00
31	1.31	0.00	0.80	0.00
Avg	1.72	0.00	0.70	0.00
Min	1.31	0.00	0.53	0.00
Max	1.89	0.00	0.84	0.00
Total	53.22			

General Note:


The daily residual is measured continuously by a Hach CA610 fluoride analyzer which shows consistent fluoride dosing within the optimal range.

The output from the flowmeter to the computer failed and was replaced on April 2. For the month of March, use the daily residual as reported by the Hach CA610 for compliance.

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

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

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

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	3-5-13/9:50	1.01	1.02	0.64	MOONEY	3-5-13/2:00	A	COLILERT						
2	WELLHOUSE	DIS	MOONEY	3-5-13/10:10	1.24	1.21	0.76	MOONEY	3-5-13/2:00	A	COLILERT						
3	NORTHWEST STA.	DIS	MOONEY	3-5-13/10:25	1.26	1.25	0.70	MOONEY	3-5-13/2:00	A	COLILERT						
4	WILLOW ST. STA.	DIS	MOONEY	3-5-13/10:50	1.22	1.20	0.69	MOONEY	3-5-13/2:00	A	COLILERT						
5	12 WILLIAMS ST.	DIS	MOONEY	3-5-13/11:10	1.27	1.26	0.71	MOONEY	3-5-13/2:00	A	COLILERT						
6	HOSPITAL ST. STA.	DIS	MOONEY	3-5-13/11:30	1.21	1.19	0.67	MOONEY	3-5-13/2:00	A	COLILERT						
7	1000 RIVERSIDE DR.	DIS	MOONEY	3-5-13/11:50	0.54	0.55	0.66	MOONEY	3-5-13/2:00	A	COLILERT						
8	12 WILLIAMS ST.	DIS	MOONEY	3-12-13/8:40	1.24	1.23	0.80	MOONEY	3-12-13/2:00	A	COLILERT						
9	HOSPITAL ST. STA.	DIS	MOONEY	3-12-13/8:55	1.09	1.09	0.72	MOONEY	3-12-13/2:00	A	COLILERT						
10	NORTHWEST STA.	DIS	MOONEY	3-12-13/9:15	1.16	1.15	0.63	MOONEY	3-12-13/2:00	A	COLILERT						
11	WELLHOUSE	DIS	MOONEY	3-12-13/10:00	1.34	1.32	0.69	MOONEY	3-12-13/2:00	A	COLILERT						
12	WESTERN STA.	DIS	MOONEY	3-12-13/10:20	1.19	1.18	0.66	MOONEY	3-12-13/2:00	A	COLILERT						
13	MANCHESTER TOWN OFFICE	DIS	MOONEY	3-12-13/11:00	0.65	0.64	0.67	MOONEY	3-12-13/2:00	A	COLILERT						
14	QUALITY INN	DIS	MOONEY	3-12-13/11:30	0.94	0.93	0.68	MOONEY	3-12-13/2:00	A	COLILERT						
15	WESTERN STA.	DIS	MOONEY	3-18-13/9:30	1.02	1.03	0.67	MOONEY	3-18-13/11:30	A	COLILERT						
16	WELLHOUSE	DIS	MOONEY	3-18-13/9:50	1.17	1.17	0.71	MOONEY	3-18-13/11:30	A	COLILERT						
17	NORTHWEST STA.	DIS	MOONEY	3-18-13/10:05	1.14	1.13	0.66	MOONEY	3-18-13/11:30	A	COLILERT						
18	12 WILLIAMS ST.	DIS	MOONEY	3-18-13/10:25	1.20	1.21	0.73	MOONEY	3-18-13/11:30	A	COLILERT						
19	HOSPITAL ST. STA.	DIS	MOONEY	3-18-13/10:50	1.18	1.17	0.72	MOONEY	3-18-13/11:30	A	COLILERT						
20	FARRINGTON SCHOOL	DIS	MOONEY	3-18-13/3:10	1.08	1.08	0.70	MOONEY	3-18-13/3:45	A	COLILERT						
21	WESTERN STA.	DIS	MOONEY	3-26-13/10:10	1.29	1.30	0.91	MOONEY	3-26-13/1:45	A	COLILERT						
22	WELLHOUSE	DIS	MOONEY	3-26-13/10:25	1.21	1.19	0.75	MOONEY	3-26-13/1:45	A	COLILERT						
23	NORTHWEST STA.	DIS	MOONEY	3-26-13/10:45	1.35	1.34	0.74	MOONEY	3-26-13/1:45	A	COLILERT						
24	12 WILLIAMS ST.	DIS	MOONEY	3-26-13/11:00	1.22	1.22	0.72	MOONEY	3-26-13/1:45	A	COLILERT						
25	HOSPITAL ST. STA.	DIS	MOONEY	3-26-13/11:20	1.16	1.16	0.75	MOONEY	3-26-13/1:45	A	COLILERT						
*	LAB DISTILLED WATER	QC	MOONEY	3-19-13/10:00	0.00	0.00		MOONEY	3-19-13/11:30						COND.=1.12	us/cm	0:4ML

Monthly Well Production Report
System Type - All GW systems

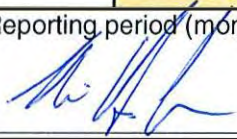
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: 4/10/2013

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	0.30	1.14	0.43	↑ 1.87
2	0.26	1.14	0.31	↑ 1.71
3	0.22	1.15	0.31	→ 1.67
4	0.34	1.08	0.39	↑ 1.82
5	0.42	0.31	0.77	↓ 1.49
6	0.56	0.60	0.67	↑ 1.83
7	0.58	0.54	0.69	↑ 1.81
8	0.52	0.53	0.70	↑ 1.75
9	0.56	0.42	0.71	→ 1.69
10	0.38	0.31	0.77	↓ 1.46
11	0.55	0.64	0.64	↑ 1.83
12	0.81	0.75	0.30	↑ 1.86
13	0.82	0.65	0.25	↑ 1.73
14	0.82	0.66	0.29	↑ 1.77
15	0.80	0.74	0.30	↑ 1.84
16	0.83	0.64	0.26	↑ 1.73
17	0.84	0.51	0.22	→ 1.56
18	0.73	0.68	0.27	→ 1.68
19	0.30	1.15	0.29	↑ 1.74
20	0.25	1.14	0.39	↑ 1.78
21	0.32	1.12	0.33	↑ 1.77
22	0.37	1.12	0.40	↑ 1.89
23	0.20	1.14	0.40	↑ 1.73
24	0.34	0.94	0.35	→ 1.64
25	0.34	1.09	0.38	↑ 1.80
26	0.49	0.48	0.70	→ 1.68
27	0.87	0.00	0.75	→ 1.62
28	0.81	0.37	0.67	↑ 1.86
29	0.47	0.47	0.70	→ 1.65
30	0.52	0.45	0.70	→ 1.67
31	0.56	0.00	0.75	↓ 1.31
Sum	16.17	21.97	15.07	53.22

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: **bstarbuck@augustawater.org**

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

Signature: *[Signature]* Date: **4/10/2013**

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:
 Fluoride meter out for repairs, was reinstalled April 2.

Daily water production

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

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.87	n/a	7.68	n/a
2	1.71	n/a	7.69	n/a
3	1.67	n/a	7.69	n/a
4	1.82	n/a	7.68	n/a
5	1.49	n/a	7.63	n/a
6	1.83	n/a	7.64	n/a
7	1.81	n/a	7.63	n/a
8	1.75	n/a	7.63	n/a
9	1.69	n/a	7.63	n/a
10	1.46	n/a	7.62	n/a
11	1.83	n/a	7.63	n/a
12	1.86	n/a	7.66	n/a
13	1.73	n/a	7.66	n/a
14	1.77	n/a	7.65	n/a
15	1.84	n/a	7.65	n/a
16	1.73	n/a	7.65	n/a
17	1.56	n/a	7.65	n/a
18	1.68	n/a	7.65	n/a
19	1.74	n/a	7.69	n/a
20	1.78	n/a	7.68	n/a
21	1.77	n/a	7.69	n/a
22	1.89	n/a	7.68	n/a
23	1.73	n/a	7.68	n/a
24	1.64	n/a	7.69	n/a
25	1.80	n/a	7.68	n/a
26	1.68	n/a	7.63	n/a
27	1.62	n/a	7.62	n/a
28	1.86	n/a	7.62	n/a
29	1.65	n/a	7.61	n/a
30	1.67	n/a	7.62	n/a
31	1.31	n/a	7.61	n/a
Summary	53.22 (total)	(avg.)	7.65 (avg.)	(min.)

Chemical usage

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/L
3	23	0				1.17
1	12	0				1.17
0	20	0				1.17
-1	19	0				1.17
1	20	50				1.16
3	19	0				1.16
1	20	0				1.16
0	21	0				1.17
0	19	0				1.16
1	19	0				1.16
1	16	50				1.16
1	21	0				1.12
1	21	0				1.12
2	20	50				1.12
1	20	50				1.11
2	21	0				1.11
-2	20	0				1.09
4	18	50				1.11
1	19	0				1.09
1	20	50				1.09
-1	19	0				1.11
2	23	0				1.11
2	16	50				1.21
-2	18	0				1.15
2	19	50				1.21
1	20	50				1.22
1	20	0				1.20
-1	18	0				1.21
1	22	0				1.21
0	21	0				1.19
0	16	0				1.20
24.71 (total)	598.54 (total)	450.00 (total)	(total)	(total)	(total)	1.09 (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:	1.14

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: 2013

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	622-3701
PWSID#:	92255
Address:	po box 1200 East Pittston Maine 04345
Sample Category (1):	Racti
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 x229

#	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	3/19/13 17:15	130322	3120 @ 7:30	Absent			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.

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~~ MARCH 2013

Signature: Ben Baker #3836 Benjamin.Baker2@VA.Gov

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	1,369	.5	.9	1.3
2				
3				
4	5,848	3.5	.9	1.3
5	2,255	1.0	1.1	1.4
6	1,796	1.0	.9	1.5
7	2,201	1.0	1.1	1.2
8	2,052	1.0	1.1	1.5
9				
10				
11	5,152	2.5	1.0	1.6
12	1,945	1.0	1.0	1.3
13	2,235	1.0	.9	1.3
14	2,103	1.0	1.0	1.3
15	1,789	1.0	1.0	1.3
16				
17				
18	4,611	2.75	1.0	1.3
19	1,655	.75	.9	1.5
20	1,703	1.0	1.1	1.3
21	2,322	1.0	1.0	1.4
22	2,539	1.25	1.0	1.4
23				
24				
25	4,329	2.5	1.1	1.5
26	1,905	1.0	1.1	1.5
27	2,942	1.75	1.1	1.3
28	2,218	1.0	1.1	1.2
29	2,829	1.5	1.1	1.3
30				
31				
Summary	55,798	29.0		

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

BRIAN TARBUCK
General Manager

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

TRUSTEES:
DAVID BUSTIN
LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

May 9, 2013

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

Dear Mr. Pushard:

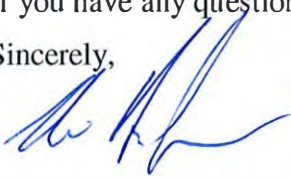
Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of April, 2013.

. 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 Information

System Name: **Greater Augusta Utility District**

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

Fluoride Chemical Used: **Sodium Fluoride**

PWSID#: **90080**

Reporting period: **April - 13**

Notes: See notes below for specific operating conditions.

Signature: 

Date: **5/9/2013**

Date	GAUD mg/L	Location	HETL mg/l
4/17/2013 10:30	0.80	Triangle Station	0.80

Fluoride

General Note:

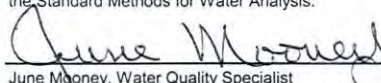
The flowmeter was reinstalled on April 2.

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.75	0.00	0.76	0.00
2	1.57	45.48	0.76	0.52
3	1.80	70.77	0.78	0.71
4	1.63	72.79	0.77	0.81
5	1.74	74.37	0.74	0.77
6	1.56	72.69	0.76	0.84
7	1.43	69.72	0.76	0.88
8	1.88	74.84	0.72	0.72
9	1.44	77.89	0.84	0.97
10	1.69	69.66	0.82	0.74
11	1.66	71.93	0.80	0.78
12	1.69	74.81	0.80	0.80
13	1.84	77.77	0.79	0.76
14	1.34	81.84	0.79	1.10
15	1.62	69.72	0.79	0.77
16	2.06	82.96	0.73	0.72
17	1.80	87.00	0.75	0.87
18	1.74	75.88	0.77	0.79
19	1.52	75.84	0.79	0.90
20	1.63	72.65	0.77	0.80
21	1.21	70.84	0.75	1.05
22	1.77	68.76	0.73	0.70
23	1.72	72.79	0.77	0.76
24	1.72	75.95	0.75	0.79
25	1.77	76.88	0.75	0.78
26	2.01	83.90	0.76	0.75
27	1.66	86.92	0.75	0.94
28	1.57	70.72	0.75	0.81
29	1.71	71.80	0.77	0.75
30	2.00	77.91	0.77	0.70
Avg	1.68	71.84	0.77	0.78
Min	1.21	0.00	0.72	0.00
Max	2.06	87.00	0.84	1.10
Total	50.52	2,155.09		

Bacteriological Report Form

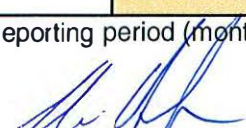
Utility: **Greater Augusta Utility District, PWSID 0090080**
 Greater Augusta Utility District Laboratory, ME00012

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					
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs	
1	WESTERN STA.	DIS	MOONEY	4-1-13/10:00	1.02	1.02	0.68	MOONEY	4-1-13/1:45	A	COLILERT						
2	WELLHOUSE	DIS	MOONEY	4-1-13/10:20	1.35	1.33	0.71	MOONEY	4-1-13/1:45	A	COLILERT						
3	NORTHWEST STA.	DIS	MOONEY	4-1-13/10:35	1.29	1.27	0.74	MOONEY	4-1-13/1:45	A	COLILERT						
4	WILLOW ST. STA.	DIS	MOONEY	4-1-13/10:55	1.18	1.18	0.72	MOONEY	4-1-13/1:45	A	COLILERT						
5	12 WILLIAMS ST.	DIS	MOONEY	4-1-13/11:15	1.24	1.23	0.75	MOONEY	4-1-13/1:45	A	COLILERT						
6	HOSPITAL ST. STA.	DIS	MOONEY	4-1-13/11:30	1.05	1.05	0.71	MOONEY	4-1-13/1:45	A	COLILERT						
7	WESTERN STA.	DIS	P. RAND/JM	4-9-13/10:05	1.15	1.14	0.70	MOONEY	4-9-13/2:30	A	COLILERT						
8	WELLHOUSE	DIS	P. RAND/JM	4-9-13/10:40	1.34	1.32	0.82	MOONEY	4-9-13/2:30	A	COLILERT						
9	NORTHWEST STA.	DIS	P. RAND/JM	4-9-13/11:20	1.19	1.19	0.68	MOONEY	4-9-13/2:30	A	COLILERT						
10	12 WILLIAMS ST.	DIS	P. RAND/JM	4-9-13/12:00	1.38	1.38	0.80	MOONEY	4-9-13/2:30	A	COLILERT						
11	HOSPITAL ST. STA.	DIS	P. RAND/JM	4-9-13/12:20	1.16	1.17	0.76	MOONEY	4-9-13/2:30	A	COLILERT						
12	WESTERN STA.	DIS	MOONEY	4-17-13/10:15	1.10	1.11	0.74	MOONEY	4-17-13/2:45	A	COLILERT						
13	WELLHOUSE	DIS	MOONEY	4-17-13/10:30	1.15	1.14	0.80	MOONEY	4-17-13/2:45	A	COLILERT						
14	NORTHWEST STA.	DIS	MOONEY	4-17-13/10:50	1.14	1.14	0.77	MOONEY	4-17-13/2:45	A	COLILERT						
15	12 WILLIAMS ST.	DIS	MOONEY	4-17-13/11:25	1.15	1.16	0.79	MOONEY	4-17-13/2:45	A	COLILERT						
16	HOSPITAL ST. STA.	DIS	MOONEY	4-17-13/11:50	1.04	1.04	0.77	MOONEY	4-17-13/2:45	A	COLILERT						
17	TOGUSSTA.	DIS	MOONEY	4-17-13/12:15	0.89	0.89	0.76	MOONEY	4-17-13/2:45	A	COLILERT						
18	QUALITY INN	DIS	MOONEY	4-17-13/12:45	0.96	0.96	0.75	MOONEY	4-17-13/2:45	A	COLILERT						
19	MANCHESTER TOWN OFFICE	DIS	MOONEY	4-23-13/11:20	0.61	0.62	0.73	MOONEY	4-23-13/3:00	A	COLILERT						
20	WESTERN STA.	DIS	MOONEY	4-23-13/11:45	1.02	1.03	0.71	MOONEY	4-23-13/3:00	A	COLILERT						
21	WELLHOUSE	DIS	MOONEY	4-23-13/12:00	1.27	1.26	0.71	MOONEY	4-23-13/3:00	A	COLILERT						
22	NORTHWEST STA.	DIS	MOONEY	4-23-13/12:20	1.38	1.37	0.73	MOONEY	4-23-13/3:00	A	COLILERT						
23	12 WILLIAMS ST.	DIS	MOONEY	4-23-13/12:40	1.19	1.18	0.74	MOONEY	4-23-13/3:00	A	COLILERT						
24	HOSPITAL ST. STA.	DIS	MOONEY	4-23-13/1:00	0.95	0.95	0.73	MOONEY	4-23-13/3:00	A	COLILERT						
25	WESTERN STA.	DIS	MOONEY	4-30-13/10:40	1.13	1.11	0.72	MOONEY	4-30-13/2:00	A	COLILERT						
26	WELLHOUSE	DIS	MOONEY	4-30-13/10:55	1.42	1.41	0.81	MOONEY	4-30-13/2:00	A	COLILERT						
27	NORTHWEST STA.	DIS	MOONEY	4-30-13/11:10	1.39	1.38	0.85	MOONEY	4-30-13/2:00	A	COLILERT						
28	12 WILLIAMS ST.	DIS	MOONEY	4-30-13/11:40	1.30	1.29	0.78	MOONEY	4-30-13/2:00	A	COLILERT						
29	HOSPITAL ST. STA.	DIS	MOONEY	4-30-13/12:00	1.10	1.10	0.79	MOONEY	4-30-13/2:00	A	COLILERT						
*	LAB DISTILLED WATER	QC	MOONEY	4-16-13/9:00	0.01	0.01		MOONEY	4-16-13/10:50						COND.=1.18	us/cm	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):	April - 13	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 5/9/2013	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	0.57	0.49	0.69	1.75
2	0.84	0.56	0.16	1.57
3	0.80	0.72	0.28	1.80
4	0.84	0.72	0.07	1.63
5	0.80	0.67	0.26	1.74
6	0.82	0.55	0.19	1.56
7	0.86	0.57	0.00	1.43
8	0.79	0.83	0.26	1.88
9	0.00	1.18	0.26	1.44
10	0.00	1.16	0.53	1.69
11	0.00	0.95	0.71	1.66
12	0.00	0.97	0.72	1.69
13	0.00	1.14	0.69	1.84
14	0.00	0.55	0.78	1.34
15	0.00	0.89	0.73	1.62
16	0.30	1.12	0.64	2.06
17	0.58	0.52	0.70	1.80
18	0.53	0.53	0.68	1.74
19	0.64	0.15	0.74	1.52
20	0.49	0.43	0.71	1.63
21	0.42	0.00	0.79	1.21
22	0.59	0.61	0.56	1.77
23	0.83	0.84	0.05	1.72
24	0.84	0.89	0.00	1.72
25	0.78	0.74	0.25	1.77
26	0.22	1.13	0.66	2.01
27	0.31	0.64	0.71	1.66
28	0.27	0.59	0.72	1.57
29	0.28	0.73	0.71	1.71
30	0.43	1.14	0.43	2.00
Sum	13.83	21.99	14.69	50.52

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: *[Signature]* Date: **5/9/2013**

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	1.75	n/a	7.62	n/a
2	1.57	n/a	7.65	n/a
3	1.80	n/a	7.65	n/a
4	1.63	n/a	7.66	n/a
5	1.74	n/a	7.65	n/a
6	1.56	n/a	7.65	n/a
7	1.43	n/a	7.65	n/a
8	1.88	n/a	7.65	n/a
9	1.44	n/a	7.69	n/a
10	1.69	n/a	7.67	n/a
11	1.66	n/a	7.64	n/a
12	1.69	n/a	7.63	n/a
13	1.84	n/a	7.64	n/a
14	1.34	n/a	7.61	n/a
15	1.62	n/a	7.63	n/a
16	2.06	n/a	7.65	n/a
17	1.80	n/a	7.63	n/a
18	1.74	n/a	7.63	n/a
19	1.52	n/a	7.62	n/a
20	1.63	n/a	7.62	n/a
21	1.21	n/a	7.62	n/a
22	1.77	n/a	7.63	n/a
23	1.72	n/a	7.66	n/a
24	1.72	n/a	7.66	n/a
25	1.77	n/a	7.65	n/a
26	2.01	n/a	7.65	n/a
27	1.66	n/a	7.63	n/a
28	1.57	n/a	7.62	n/a
29	1.71	n/a	7.62	n/a
30	2.00	n/a	7.65	n/a
Summary	50.52		7.64	
	(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	
2	15	0				1.20	
-1	20	50				1.16	
1	18	50				1.17	
1	21	0				1.15	
1	19	0				1.16	
0	21	0				1.14	
2	18	0				1.14	
1	16	0				1.15	
2	22	0				1.17	
1	16	100				1.17	
-1	14	0				1.07	
0	12	0				1.07	
3	16	0				1.09	
-1	17	0				1.08	
3	15	0				1.09	
1	16	0				1.09	
-1	21	50				1.07	
2	19	0				1.07	
0	17	0				1.06	
1	14	0				1.07	
1	18	0				1.05	
1	13	100				1.06	
3	18	0				1.10	
-1	19	0				1.13	
0	19	0				1.13	
1	20	0				1.17	
1	23	0				1.16	
1	18	0				1.15	
1	19	50				1.16	
1	20	50				1.16	
Summary	25.25	534.56	450.00			1.05	
	(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:	1.16

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~~ April 2013

Signature: B. Baker # 3836 Benjamin.Baker2@VA.GOV

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	5656	3.0	1.0	1.3
2	2481	1.5	1.0	1.3
3	2480	1.5	1.0	1.3
4	2123	1.0	1.1	1.3
5	2058	1.0	1.0	1.6
6				
7				
8	7256	4.0	.9	1.3
9	2990	1.75	.9	1.3
10	2533	1.50	.9	1.2
11	2577	1.25	1.02	1.34
12				
13				
14				
15	12598	7.0	.88	1.39
16	2767	1.5	.88	1.38
17	3323	2.0	.89	1.40
18	3452	2.0	.87	1.26
19	2771	1.5	.75	1.26
20				
21				
22	9451	5.0	.81	1.38
23	3373	2.0	.80	1.24
24	2244	1.25	.78	1.00
25	3677	2.75	.83	1.13
26	4695	3.0	.82	1.23
27				
28				
29	9939	4.5	.84	1.00
30	3746	1.5	.84	.92
31				
Summary	92,186	50.5	-	

↑ New low range Colorimeter II

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

BRIAN TARBUCK
General Manager

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CHARLENE HAMIWKA, Treasurer

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LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

June 7, 2013

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, 2013. 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: **May - 13**

System Information

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

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Signature:  Date: **6/7/2013**

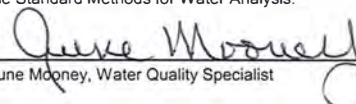
Date	GAUD mg/L	Location	HETL mg/l
5/14/2013 10:40	0.72	Triangle Station	0.70

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.70	82.97	0.79	0.88
2	2.17	85.89	0.73	0.71
3	1.68	88.93	0.78	0.95
4	2.07	83.95	0.68	0.73
5	1.67	87.96	0.75	0.95
6	2.16	82.91	0.74	0.69
7	1.83	86.95	0.76	0.86
8	2.14	86.96	0.75	0.73
9	1.71	90.98	0.75	0.96
10	1.74	75.81	0.73	0.78
11	1.89	77.88	0.76	0.74
12	1.45	79.90	0.74	0.99
13	1.93	75.87	0.73	0.71
14	1.97	83.93	0.76	0.77
15	1.83	86.97	0.72	0.86
16	2.00	80.94	0.76	0.73
17	2.17	85.95	0.80	0.71
18	1.70	88.97	0.80	0.94
19	1.76	77.82	0.78	0.80
20	1.99	82.81	0.72	0.75
21	1.88	85.85	0.81	0.82
22	1.77	84.89	0.75	0.86
23	1.90	81.00	0.74	0.77
24	1.93	83.03	0.75	0.77
25	1.64	76.96	0.75	0.84
26	1.52	74.84	0.74	0.89
27	1.65	70.79	0.75	0.77
28	1.88	73.83	0.76	0.71
29	1.76	76.81	0.81	0.78
30	2.07	84.87	0.77	0.74
31	2.30	90.03	0.80	0.70
Avg	1.87	82.49	0.76	0.80
Min	1.45	70.79	0.68	0.69
Max	2.30	90.98	0.81	0.99
Total	57.88	2,557.26		

General Note:

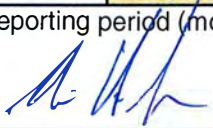
Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
Greater Augusta Utility District Laboratory, ME00012

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	5-6-13/11:50	1.24	1.24	0.70	MOONEY	5-6-13/2:30	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	5-6-13/12:10	1.26	1.25	0.67	MOONEY	5-6-13/2:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	5-6-13/12:25	1.36	1.33	0.68	MOONEY	5-6-13/2:30	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	5-6-13/12:45	1.31	1.29	0.79	MOONEY	5-6-13/2:30	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	5-6-13/1:05	1.14	1.13	0.72	MOONEY	5-6-13/2:30	A	COLILERT					
6	WESTERN STA.	DIS	MOONEY	5-14-13/10:20	1.15	1.16	0.73	MOONEY	5-15-13/8:00	A	COLILERT					
7	WELLHOUSE	DIS	MOONEY	5-14-13/10:40	1.21	1.19	0.72	MOONEY	5-15-13/8:00	A	COLILERT					
8	NORTHWEST STA.	DIS	MOONEY	5-14-13/11:00	1.34	1.33	0.72	MOONEY	5-15-13/8:00	A	COLILERT					
9	WILLOW ST. STA.	DIS	MOONEY	5-14-13/11:15	1.28	1.30	0.76	MOONEY	5-15-13/8:00	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	5-14-13/11:35	1.28	1.27	0.78	MOONEY	5-15-13/8:00	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	5-14-13/11:50	1.16	1.17	0.80	MOONEY	5-15-13/8:00	A	COLILERT					
12	KV CREDIT UNION	DIS	MOONEY	5-14-13/1:15	0.83	0.83	0.76	MOONEY	5-15-13/8:00	A	COLILERT					
13	GREYBIRCH	DIS	MOONEY	5-14-13/1:50	0.87	0.87	0.77	MOONEY	5-15-13/8:00	A	COLILERT					
14	WESTERN STA.	DIS	MOONEY	5-20-13/1:30	1.21	1.21	0.74	MOONEY	5-21-13/8:00	A	COLILERT					
15	WELLHOUSE	DIS	MOONEY	5-20-13/1:45	1.30	1.29	0.68	MOONEY	5-21-13/8:00	A	COLILERT					
16	NORTHWEST STA.	DIS	MOONEY	5-20-13/2:35	1.33	1.33	0.67	MOONEY	5-21-13/8:00	A	COLILERT					
17	12 WILLIAMS ST.	DIS	MOONEY	5-20-13/3:00	1.36	1.35	0.66	MOONEY	5-21-13/8:00	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	5-20-13/3:20	1.14	1.14	0.75	MOONEY	5-21-13/8:00	A	COLILERT					
19	MANCHESTER TOWN OFFICE	DIS	MOONEY	5-28-13/11:30	0.65	0.67	0.74	MOONEY	5-29-13/8:30	A	COLILERT					
20	QUALITY INN	DIS	MOONEY	5-28-13/11:50	0.74	0.76	0.73	MOONEY	5-29-13/8:30	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	5-28-13/12:10	1.20	1.21	0.69	MOONEY	5-29-13/8:30	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	5-28-13/1:20	1.30	1.29	0.68	MOONEY	5-29-13/8:30	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	5-28-13/1:40	1.37	1.37	0.68	MOONEY	5-29-13/8:30	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	5-28-13/2:05	1.30	1.30	0.68	MOONEY	5-29-13/8:30	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	5-28-13/2:25	1.12	1.12	0.72	MOONEY	5-29-13/8:30	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	5-13-13/9:45	0.01	0.00		MOONEY	5-13-13/11:30					COND.=1.04	us/cm	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:	bstarbuck@augustawater.org	Transient Non-Community	<input type="checkbox"/>
Reporting period (month and year):	May - 13	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: 6/7/2013	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	0.04	1.16	0.50	1.70
2	0.40	1.13	0.64	2.17
3	0.17	1.17	0.34	1.68
4	0.48	1.13	0.45	2.07
5	0.11	1.18	0.38	1.67
6	0.40	1.13	0.64	2.16
7	0.33	0.81	0.68	1.83
8	0.36	1.14	0.64	2.14
9	0.08	0.91	0.72	1.71
10	0.30	0.72	0.71	1.74
11	0.38	0.86	0.66	1.89
12	0.05	0.63	0.77	1.45
13	0.39	0.92	0.62	1.93
14	0.39	1.16	0.43	1.97
15	0.25	1.18	0.40	1.83
16	0.44	1.15	0.42	2.00
17	0.33	1.16	0.67	2.17
18	0.23	1.20	0.27	1.70
19	0.00	1.20	0.55	1.76
20	0.38	1.18	0.43	1.99
21	0.17	0.93	0.78	1.88
22	0.13	0.86	0.78	1.77
23	0.00	1.13	0.77	1.90
24	0.36	0.82	0.75	1.93
25	0.26	0.58	0.80	1.64
26	0.18	0.55	0.79	1.52
27	0.31	0.57	0.78	1.65
28	0.37	0.77	0.75	1.88
29	0.15	1.20	0.42	1.76
30	0.37	1.17	0.52	2.07
31	0.40	1.17	0.73	2.30
Sum	8.24	30.86	18.78	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: **bstarbuck@augustawater.org**

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

Signature:  Date: **6/7/2013**

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	1.70	n/a	7.65	n/a
2	2.17	n/a	7.64	n/a
3	1.68	n/a	7.67	n/a
4	2.07	n/a	7.65	n/a
5	1.67	n/a	7.66	n/a
6	2.16	n/a	7.64	n/a
7	1.83	n/a	7.62	n/a
8	2.14	n/a	7.64	n/a
9	1.71	n/a	7.63	n/a
10	1.74	n/a	7.63	n/a
11	1.89	n/a	7.63	n/a
12	1.45	n/a	7.62	n/a
13	1.93	n/a	7.64	n/a
14	1.97	n/a	7.67	n/a
15	1.83	n/a	7.67	n/a
16	2.00	n/a	7.67	n/a
17	2.17	n/a	7.66	n/a
18	1.70	n/a	7.69	n/a
19	1.76	n/a	7.67	n/a
20	1.99	n/a	7.68	n/a
21	1.88	n/a	7.64	n/a
22	1.77	n/a	7.64	n/a
23	1.90	n/a	7.65	n/a
24	1.93	n/a	7.64	n/a
25	1.64	n/a	7.63	n/a
26	1.52	n/a	7.62	n/a
27	1.65	n/a	7.63	n/a
28	1.88	n/a	7.64	n/a
29	1.76	n/a	7.70	n/a
30	2.07	n/a	7.69	n/a
31	2.30	n/a	7.67	n/a
Summary	57.88		7.65	
	(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	20					1.17
3	19	50				1.18
-1	26					1.15
1	20					1.16
1	24					1.15
1	20	100				1.26
2	24	0				1.30
1	20	50				1.30
1	24	0				1.32
1	21	0				1.30
1	19					1.30
1	22					1.31
-1	16	50				1.30
1	22	0				1.28
1	22	50				1.28
2	22					1.32
1	15					1.32
0	26					1.22
2	20					1.23
1	20	0				1.22
2	23	0				1.24
0	21	50				1.24
1	20	0				1.24
2	22	100				1.23
1	22					1.23
1	19					1.23
0	17					1.22
2	19	50				1.22
1	21					1.18
1	20					1.20
0	25					1.21
27.40	652.75	500.00				1.15
(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:	1.18


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~~ MAY 2013

Signature:  #3836 Benjamin.Baker.2@va.gov

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	4,631	2.5	.84	1.19
2	4,056	2.0	.92	1.26
3	4,152	2.0	.91	1.13
4				
5	4,723	2.0	.91	1.14
6				
7				
8	9,686	5.5	.82	1.38
9				
10	6,984	3.75	.86	1.13
11	3,823	2.0	.80	1.26
12	3,811	2.0	.80	1.13
13	3,824	2.0	.80	1.12
14				
15	8,049	4.0	.87	1.06
16	4,079	2.0	.86	1.13
17	3,647	2.0	.80	1.22
18				
19	8,705	3.75	.82	1.26
20	4,128	2.0	.82	1.15
21				
22				
23	12,750	7.0	.80	1.13
24	5,495	2.5	.86	1.09
25				
26	6,708	3.5	.91	1.10
27	3,894	2.0	.82	1.12
28	4,548	2.5	.79	1.15
29				
30				
31	14,894	7.5	.75	1.13
Summary	122,587	62.5		

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

BRIAN TARBUCK
General Manager

TRUSTEES:

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STEPHEN J. ROBERGE, Clerk
CHARLENE HAMIWKA, Treasurer

TRUSTEES:

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

July 3, 2013

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

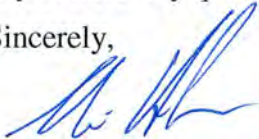
Dear Mr. Pushard:

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, 2013. 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:	June - 13

System Information

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

Notes: See notes below for specific operating conditions.

Signature:  Date: 7/3/2013

Date	GAUD mg/L	Location	HETL mg/l
6/18/2012 10:50	0.73	Triangle Station	0.70

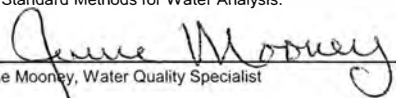
Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.03	96.11	0.77	0.85
2	1.76	89.85	0.75	0.92
3	2.24	87.93	0.69	0.71
4	1.88	91.99	0.76	0.88
5	2.01	82.98	0.79	0.74
6	2.04	87.02	0.77	0.77
7	1.79	82.96	0.77	0.84
8	1.92	79.83	0.73	0.75
9	1.37	84.89	0.71	1.12
10	1.66	70.85	0.79	0.77
11	1.89	76.93	0.72	0.73
12	1.77	81.99	0.77	0.83
13	1.86	79.95	0.76	0.77
14	1.86	81.97	0.71	0.80
15	2.18	86.98	0.73	0.72
16	2.05	90.02	0.76	0.79
17	2.19	88.97	0.81	0.73
18	2.00	90.00	0.81	0.81
19	1.80	86.94	0.86	0.87
20	2.35	95.94	0.80	0.73
21	2.30	99.97	0.81	0.78
22	2.03	94.08	0.74	0.84
23	1.80	88.01	0.73	0.88
24	1.75	82.99	0.89	0.85
25	2.40	96.95	1.35	0.73
26	1.85	101.01	0.80	0.98
27	1.93	79.96	0.77	0.74
28	1.90	82.99	0.76	0.79
29	1.68	81.89	0.74	0.88
30	1.88	77.89	0.72	0.75
Avg	1.94	86.66	0.79	0.81
Min	1.37	70.85	0.69	0.71
Max	2.40	101.01	1.35	1.12
Total	58.17	2,599.85		

General Note:

Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
Greater Augusta Utility District Laboratory, ME00012

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

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

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	6-4-13/10:10	1.19	1.18	0.71	MOONEY	6-4-13/1:30	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	6-4-13/10:25	1.29	1.28	0.77	MOONEY	6-4-13/1:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	6-4-13/10:40	1.37	1.35	0.92	MOONEY	6-4-13/1:30	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	6-4-13/11:05	1.12	1.08	0.73	MOONEY	6-4-13/1:30	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	6-4-13/11:20	1.25	1.25	0.73	MOONEY	6-4-13/1:30	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	6-4-13/11:40	1.27	1.25	0.74	MOONEY	6-4-13/1:30	A	COLILERT					
7	WESTERN STA.	DIS	MOONEY	6-11-13/9:45	1.12	1.11	0.70	MOONEY	6-12-13/8:00	A	COLILERT					
8	WELLHOUSE	DIS	MOONEY	6-11-13/10:00	1.33	1.33	0.71	MOONEY	6-12-13/8:00	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	6-11-13/10:20	1.26	1.25	0.74	MOONEY	6-12-13/8:00	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	6-11-13/10:40	1.25	1.25	0.73	MOONEY	6-12-13/8:00	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	6-11-13/11:00	1.13	1.13	0.72	MOONEY	6-12-13/8:00	A	COLILERT					
12	1000 RIVERSIDE DR.	DIS	MOONEY	6-11-13/11:30	0.30	0.31	0.74	MOONEY	6-12-13/8:00	A	COLILERT					
13	FARRINGTON SCHOOL	DIS	MOONEY	6-11-13/11:50	0.95	0.95	0.72	MOONEY	6-12-13/8:00	A	COLILERT					
14	NORTHWEST STA.	DIS	MOONEY	6-18-13/10:35	1.39	1.36	0.85	MOONEY	6-18-13/1:45	A	COLILERT					
15	WELLHOUSE	DIS	MOONEY	6-18-13/10:50	1.34	1.31	0.73	MOONEY	6-18-13/1:45	A	COLILERT					
16	WESTERN STA.	DIS	MOONEY	6-18-13/11:10	1.20	1.20	0.73	MOONEY	6-18-13/1:45	A	COLILERT					
17	QUALITY INN	DIS	MOONEY	6-18-13/11:30	0.80	0.81	0.71	MOONEY	6-18-13/1:45	A	COLILERT					
18	12 WILLIAMS ST.	DIS	MOONEY	6-18-13/11:55	1.37	1.36	0.84	MOONEY	6-18-13/1:45	A	COLILERT					
19	HOSPITAL ST. STA.	DIS	MOONEY	6-18-13/12:15	1.13	1.11	0.75	MOONEY	6-18-13/1:45	A	COLILERT					
20	MANCHESTER TOWN OFFICE	DIS	MOONEY	6-25-13/10:05	0.64	0.65	0.74	MOONEY	6-25-13/2:15	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	6-25-13/10:25	0.96	0.97	0.73	MOONEY	6-25-13/2:15	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	6-25-13/10:45	1.31	1.30	0.70	MOONEY	6-25-13/2:15	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	6-25-13/11:00	1.34	1.33	0.74	MOONEY	6-25-13/2:15	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	6-25-13/11:20	1.33	1.32	0.72	MOONEY	6-25-13/2:15	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	6-25-13/11:40	1.18	1.15	0.73	MOONEY	6-25-13/2:15	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	6-10-13/8:00	0.01	0.01		MOONEY	6-10-13/10:15					COND.=1.13	us/cm	0:4ml

Monthly Well Production Report
System Type - All GW systems

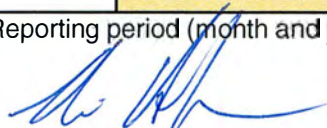
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

e-mail address: btarbuck@augustawater.org

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

Signature:  Date: 7/3/2013

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	0.38	1.18	0.47	2.03
2	0.13	1.17	0.47	1.76
3	0.72	0.95	0.57	2.24
4	0.60	0.53	0.75	1.88
5	0.59	0.67	0.76	2.01
6	0.64	0.66	0.73	2.04
7	0.57	0.43	0.78	1.79
8	0.76	0.39	0.76	1.92
9	0.49	0.05	0.83	1.37
10	0.56	0.43	0.67	1.66
11	0.88	0.68	0.34	1.89
12	0.88	0.77	0.13	1.77
13	0.87	0.67	0.32	1.86
14	0.89	0.69	0.28	1.86
15	0.85	1.18	0.15	2.18
16	0.86	1.18	0.00	2.05
17	0.85	0.88	0.46	2.19
18	0.26	1.19	0.55	2.00
19	0.12	1.19	0.48	1.80
20	0.42	1.17	0.76	2.35
21	0.58	1.16	0.57	2.30
22	0.30	1.18	0.55	2.03
23	0.00	1.20	0.60	1.80
24	0.43	0.51	0.82	1.75
25	0.83	0.87	0.70	2.40
26	0.64	0.43	0.78	1.85
27	0.71	0.47	0.76	1.93
28	0.31	0.81	0.78	1.90
29	0.00	0.88	0.81	1.68
30	0.21	0.89	0.78	1.88
Sum	16.32	24.44	17.40	58.17

Monthly Operating Report
System Type - All GW systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

ME License #: **2026**

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

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

Signature:  Date: **7/3/2013**

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	2.03	n/a	7.69	n/a
2	1.76	n/a	7.69	n/a
3	2.24	n/a	7.67	n/a
4	1.88	n/a	7.64	n/a
5	2.01	n/a	7.64	n/a
6	2.04	n/a	7.64	n/a
7	1.79	n/a	7.62	n/a
8	1.92	n/a	7.62	n/a
9	1.37	n/a	7.61	n/a
10	1.66	n/a	7.61	n/a
11	1.89	n/a	7.64	n/a
12	1.77	n/a	7.64	n/a
13	1.86	n/a	7.64	n/a
14	1.86	n/a	7.64	n/a
15	2.18	n/a	7.66	n/a
16	2.05	n/a	7.67	n/a
17	2.19	n/a	7.65	n/a
18	2.00	n/a	7.68	n/a
19	1.80	n/a	7.68	n/a
20	2.35	n/a	7.66	n/a
21	2.30	n/a	7.66	n/a
22	2.03	n/a	7.66	n/a
23	1.80	n/a	7.66	n/a
24	1.75	n/a	7.63	n/a
25	2.40	n/a	7.63	n/a
26	1.85	n/a	7.53	n/a
27	1.93	n/a	7.62	n/a
28	1.90	n/a	7.62	n/a
29	1.68	n/a	7.62	n/a
30	1.88	n/a	7.63	n/a
Summary	58.17		7.64	

(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	28	0				1.19
1	24	0				1.10
1	44	0				1.15
0	28	0				1.25
1	21	0				1.25
2	24	0				1.25
2	25	0				1.26
0	23	0				1.25
1	23	0				1.24
1	16	0				1.24
1	19	50				1.22
1	24	50				1.22
1	16	0				1.23
1	8	0				1.24
1	22	0				1.25
1	27	0				1.23
1	24	0				1.24
1	27	0				1.24
1	24	0				1.25
1	22	0				1.26
1	28	50				1.25
1	29	0				1.25
1	25	0				1.25
1	22	50				1.25
4	22	0				1.24
-1	17	50				1.31
0	16	0				1.34
1	23	0				1.34
2	23	0				1.35
0	22	0				1.33
Summary	28.74	695.46	250.00			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	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:	1.15

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:

2013

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

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME 00012
Lab mgr. name:	Jane Mooney
Lab phone #:	623-4633 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	6/24/13 17:00	130625	6/25 @ 7:15	Absent		Absent	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.

**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 June 2013

Signature: B. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	3,274	2.0	.77	1.12
2	5,943	3.0	.77	1.12
3	6,436	4.0	.78	1.17
4				
5	6,837	3.5	.78	1.23
6				
7				
8	15,992	8.0	.77	1.19
9	4,997	1.5	.79	1.20
10				
11	10,537	6.0	.79	1.19
12	4,838	3.0	.87	1.49
13				
14	11,933	6.5	.85	1.29
15	5,218	3.0	.86	1.23
16	6,914	4.0	.84	1.19
17	5,372	3.0	.81	1.20
18				
19	8,128	4.5	.84	1.10
20	8,616	5.0	.84	1.11
21				
22	9,214	5.0	.80	1.10
23	6,933	4.0	.78	1.23
24				
25	6,611	4.0	.75	1.23
26	7,702	4.5	.70	1.28
27	8,553	4.0	.71	1.16
28	8,400	4.0	.71	1.13
29				
30	8,847	5.0	.70	1.23
31				
Summary	161,290	87.5	-	

161,290

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
STEPHEN J. ROBERGE, Clerk
CHARLENE HAMIWKA, Treasurer

TRUSTEES:
DAVID BUSTIN
LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

August 8, 2013

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 July, 2013. 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:	July - 13

System Information

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

Notes: See notes below for specific operating conditions.

Signature:  Date: 8/7/2013

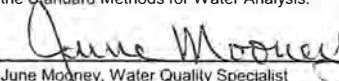
Date	GAUD mg/L	Location	HETL mg/l
7/22/13 1:20pm	0.73	Triangle Station	0.70

Fluoride				
Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.03	86.00	0.73	0.76
2	1.80	80.97	0.75	0.81
3	2.01	83.95	0.67	0.75
4	1.66	77.83	0.78	0.84
5	1.97	83.95	0.70	0.77
6	1.98	87.89	0.70	0.80
7	1.97	88.07	0.74	0.80
8	2.05	83.96	0.72	0.74
9	1.87	78.88	0.74	0.76
10	1.94	81.98	0.74	0.76
11	1.97	82.96	0.74	0.76
12	1.85	76.81	0.78	0.75
13	1.96	86.95	0.77	0.80
14	1.86	83.94	0.76	0.81
15	1.99	83.92	0.75	0.76
16	2.04	89.02	0.77	0.78
17	2.31	98.01	0.73	0.77
18	2.02	87.92	0.73	0.78
19	2.08	79.86	0.76	0.69
20	2.57	102.11	0.72	0.71
21	2.57	102.29	0.72	0.72
22	2.55	102.16	0.74	0.72
23	2.56	101.08	0.76	0.71
24	2.55	104.06	0.74	0.74
25	2.57	101.15	0.74	0.71
26	2.53	103.12	0.72	0.73
27	2.55	105.16	0.70	0.74
28	2.53	104.17	0.70	0.74
29	2.54	103.18	0.69	0.73
30	0.79	26.79	0.69	0.61
31	1.97	77.80	0.70	0.71
Avg	2.12	88.26	0.73	0.75
Min	0.79	26.79	0.67	0.61
Max	2.57	105.16	0.78	0.84
Total	65.61	2,735.94		

General Note:

Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
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	7-1-13/9:50	1.20	1.17	0.72	MOONEY	7-1-13/1:15	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	7-1-13/10:05	1.45	1.44	0.72	MOONEY	7-1-13/1:15	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	7-1-13/10:20	1.33	1.34	0.71	MOONEY	7-1-13/1:15	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	7-1-13/10:40	1.19	1.17	0.73	MOONEY	7-1-13/1:15	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	7-1-13/11:00	1.40	1.39	0.73	MOONEY	7-1-13/1:15	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	7-1-13/11:20	1.28	1.26	0.72	MOONEY	7-1-13/1:15	A	COLILERT					
7	WESTERN STA.	DIS	MOONEY	7-10-13/7:45	1.00	1.01	0.69	MOONEY	7-10-13/10:45	A	COLILERT					
8	12 WILLIAMS ST.	DIS	MOONEY	7-10-13/8:35	1.23	1.22	0.76	MOONEY	7-10-13/10:45	A	COLILERT					
9	HOSPITAL ST. STA.	DIS	MOONEY	7-10-13/8:55	1.16	1.15	0.75	MOONEY	7-10-13/10:45	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	7-11-13/8:30	1.30	1.28	0.75	MOONEY	7-11-13/10:15	A	COLILERT					
11	NORTHWEST STA.	DIS	MOONEY	7-11-13/8:50	1.23	1.23	0.71	MOONEY	7-11-13/10:15	A	COLILERT					
12	TOGUS STA.	DIS	MOONEY	7-11-13/9:20	0.76	0.74	0.70	MOONEY	7-11-13/10:15	A	COLILERT					
13	HOSPITAL ST. STA.	DIS	MOONEY	7-16-13/8:45	1.09	1.09	0.76	MOONEY	7-16-13/1:00	A	COLILERT					
14	12 WILLIAMS ST.	DIS	MOONEY	7-16-13/9:05	1.22	1.22	0.80	MOONEY	7-16-13/1:00	A	COLILERT					
15	NORTHWEST STA.	DIS	MOONEY	7-16-13/9:40	1.14	1.16	0.80	MOONEY	7-16-13/1:00	A	COLILERT					
16	WELLHOUSE	DIS	MOONEY	7-16-13/9:55	1.20	1.20	0.81	MOONEY	7-16-13/1:00	A	COLILERT					
17	WESTERN STA.	DIS	MOONEY	7-16-13/10:25	1.08	1.08	0.75	MOONEY	7-16-13/1:00	A	COLILERT					
18	MANCHESTER TOWN OFFICE	DIS	MOONEY	7-16-13/10:45	0.50	0.50	0.73	MOONEY	7-16-13/1:00	A	COLILERT					
19	QUALITY INN	DIS	MOONEY	7-16-13/11:10	0.71	0.71	0.75	MOONEY	7-16-13/1:00	A	COLILERT					
20	HOSPITAL ST. STA.	DIS	MOONEY	7-22-13/8:25	1.01	1.01	0.70	MOONEY	7-22-13/10:30	A	COLILERT					
21	12 WILLIAMS ST.	DIS	MOONEY	7-22-13/8:40	1.16	1.15	0.70	MOONEY	7-22-13/10:30	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	7-22-13/9:00	0.98	0.97	0.70	MOONEY	7-22-13/10:30	A	COLILERT					
23	WESTERN STA.	DIS	MOONEY	7-22-13/1:00	1.01	1.01	0.69	MOONEY	7-22-13/2:15	A	COLILERT					
24	WELLHOUSE	DIS	MOONEY	7-22-13/1:20	1.21	1.20	0.73	MOONEY	7-22-13/2:15	A	COLILERT					
25	WESTERN STA.	DIS	MOONEY	7-30-13/11:10	1.07	1.06	0.67	MOONEY	7-30-13/2:00	A	COLILERT					
26	WELLHOUSE	DIS	MOONEY	7-30-13/11:30	0.66	0.65	0.68	MOONEY	7-30-13/2:00	A	COLILERT					
27	NORTHWEST STA.	DIS	MOONEY	7-30-13/11:50	1.16	1.15	0.63	MOONEY	7-30-13/2:00	A	COLILERT					
28	12 WILLIAMS ST.	DIS	MOONEY	7-30-13/12:50	0.91	0.92	0.68	MOONEY	7-30-13/2:00	A	COLILERT					
29	HOSPITAL ST. STA.	DIS	MOONEY	7-30-13/1:10	0.83	0.82	0.69	MOONEY	7-30-13/2:00	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	7-17-13/9:40	0.00	0.00		MOONEY	7-17-13/11:10					COND. = 1.17	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): **July - 13**

Signature:  Date: **8/7/2013**

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	0.32	0.96	0.76	2.03
2	0.23	1.19	0.38	1.80
3	0.23	1.18	0.60	2.01
4	0.00	1.14	0.52	1.66
5	0.00	1.18	0.79	1.97
6	0.00	1.18	0.80	1.98
7	0.00	1.18	0.79	1.97
8	0.29	1.01	0.74	2.05
9	0.25	0.84	0.79	1.87
10	0.28	0.90	0.76	1.94
11	0.55	0.64	0.77	1.97
12	0.28	0.79	0.78	1.85
13	0.00	1.18	0.79	1.96
14	0.15	0.92	0.79	1.86
15	0.32	0.90	0.76	1.99
16	0.08	1.18	0.79	2.04
17	0.42	1.16	0.73	2.31
18	0.37	1.17	0.48	2.02
19	0.36	1.12	0.59	2.08
20	0.82	1.11	0.65	2.57
21	0.81	1.11	0.65	2.57
22	0.80	1.11	0.64	2.55
23	0.81	1.11	0.64	2.56
24	0.80	1.11	0.64	2.55
25	0.81	1.11	0.65	2.57
26	0.79	1.10	0.63	2.53
27	0.80	1.10	0.64	2.55
28	0.79	1.10	0.63	2.53
29	0.80	1.10	0.64	2.54
30	0.24	0.34	0.21	0.79
31	0.62	0.84	0.51	1.97
Sum	13.02	32.04	20.55	65.61

Monthly Operating Report
System Type - All GW systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

ME License #: **2026**

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

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

Signature:  Date: **8/7/2013**

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

From table below:

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

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	2.03	n/a	7.63	n/a
2	1.80	n/a	7.68	n/a
3	2.01	n/a	7.66	n/a
4	1.66	n/a	7.66	n/a
5	1.97	n/a	7.64	n/a
6	1.98	n/a	7.63	n/a
7	1.97	n/a	7.63	n/a
8	2.05	n/a	7.64	n/a
9	1.87	n/a	7.62	n/a
10	1.94	n/a	7.62	n/a
11	1.97	n/a	7.62	n/a
12	1.85	n/a	7.61	n/a
13	1.96	n/a	7.62	n/a
14	1.86	n/a	7.61	n/a
15	1.99	n/a	7.61	n/a
16	2.04	n/a	7.61	n/a
17	2.31	n/a	7.62	n/a
18	2.02	n/a	7.63	n/a
19	2.08	n/a	7.62	n/a
20	2.57	n/a	7.62	n/a
21	2.57	n/a	7.62	n/a
22	2.55	n/a	7.62	n/a
23	2.56	n/a	7.61	n/a
24	2.55	n/a	7.61	n/a
25	2.57	n/a	7.60	n/a
26	2.53	n/a	7.60	n/a
27	2.55	n/a	7.60	n/a
28	2.53	n/a	7.59	n/a
29	2.54	n/a	7.59	n/a
30	0.79	n/a	7.52	n/a
31	1.97	n/a	7.54	n/a
Summary	65.61		7.62	

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

Chemical usage

Calc	Hypo	NaF	4	5	6	Free chlorine residual
gal	gal	lbs				mg/L
1	23	0				1.32
1	25	0				1.30
1	20	50				1.36
1	25	0				1.37
3	20	0				1.31
2	23	0				1.20
1	21	0				1.20
1	23	50				1.19
-1	21	0				1.19
0	22	0				1.18
2	21	50				1.17
-1	22	0				1.17
1	20	0				1.19
2	23	0				1.18
3	22	0				1.16
1	23	0				1.17
1	22	0				1.16
1	26	0				1.14
1	22	0				1.14
2	23	0				1.13
0	27	0				1.13
0	27	0				1.13
0	28	0				1.13
1	27	0				1.13
1	28	50				1.13
2	28	0				1.13
1	25	0				1.12
2	30	0				1.13
3	27	0				1.16
0	15	0				1.12
2	22	50				1.18
36.53	732.26	250.00				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	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:	1.06

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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 2013~~ July 2013

Signature: B. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	7,165	4.0	.75	1.33
2	6,024	3.5	.80	1.12
3	6,209	3.5	.79	1.19
4	6,181	3.25	.81	1.17
5	6,811	3.5	.79	1.33
6	5,597	3.0	.78	1.17
7	7,919	4.5	.77	1.12
8	6,440	3.0	.78	1.22
9				
10	10,581	5.5	.76	1.50
11	7,190	4.0	.76	1.33
12	5,578	2.5	.77	1.12
13	8,467	4.0	.79	1.33
14				
15	10,730	5.0	.71	1.33
16	7,811	3.5	.69	1.27
17	6,605	3.25	.65	1.17
18	6,663	3.0	.65	1.12
19	6,220	2.5	.65	1.11
20	5,793	3.0	.62	1.23
21	6,343	3.25	.57	1.71
22				
23	11,856	6.0	.51	.84
24				
25	10,586	5.0	.54	.93
26				
27				
28	18,924	9.0	.55	1.10
29	6,644	3.0	.50	1.11
30	9,225	5.0	.49	1.10
31				
Summary	191,562 GAL	95.75 GAL		

12 Williams Street

Augusta, ME 04330-5225

www.greteraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:
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DAVID P. SMITH, Vice Chair
STEPHEN J. ROBERGE, Clerk
CHARLENE HAMIWKA, Treasurer

TRUSTEES:
DAVID BUSTIN
LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

September 6, 2013

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, 2013. 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 Information

System Name: **Greater Augusta Utility District**

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

Fluoride Chemical Used: **Sodium Fluoride**

PWSID#: **90080**

Reporting period: **August - 13**

Notes: See notes below for specific operating conditions.

Signature: 

Date: **9/10/2013**

Date	GAUD mg/L	Location	HETL mg/l
8/20/2013 9:00	0.83	Triangle Station	0.80

Fluoride

General Note:


Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	2.67	106.15	0.72	0.72
2	2.36	96.10	0.70	0.73
3	1.57	72.83	0.71	0.83
4	2.47	97.13	0.64	0.71
5	1.08	53.58	0.69	0.89
6	1.95	81.98	0.65	0.76
7	2.59	103.18	0.58	0.72
8	1.61	70.75	0.63	0.79
9	1.72	73.83	0.66	0.77
10	1.79	76.92	0.61	0.77
11	1.43	64.75	0.60	0.82
12	2.39	60.67	0.41	0.46
13	1.30	0.00	0.17	0.00
14	2.54	53.62	0.24	0.38
15	1.51	68.82	0.69	0.82
16	2.18	88.92	0.76	0.73
17	1.47	63.72	0.84	0.78
18	1.75	77.79	0.82	0.80
19	1.98	78.91	0.79	0.72
20	2.00	86.86	0.79	0.78
21	2.25	93.01	0.76	0.75
22	2.46	96.98	0.75	0.71
23	2.21	87.92	0.79	0.72
24	1.85	82.91	0.83	0.81
25	1.77	77.91	0.80	0.79
26	1.98	83.90	0.78	0.76
27	2.32	94.02	0.76	0.73
28	1.96	84.03	0.79	0.77
29	2.09	84.94	0.77	0.73
30	1.81	80.90	0.79	0.80
31	1.89	81.88	0.79	0.78
Avg	1.97	78.22	0.69	0.72
Min	1.08	0.00	0.17	0.00
Max	2.67	106.15	0.84	0.89
Total	60.95	2,424.90		

Fluoridation system taken offline for routine cleaning.

Fluoridation system returned to service.


Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
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			
1	WESTERN STA.	DIS	MOONEY	8-6-13/9:55	0.74	0.75	0.82	MOONEY	8-6-13/2:30	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	8-6-13/10:20	1.16	1.16	0.81	MOONEY	8-6-13/2:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	8-6-13/10:40	1.22	1.20	0.79	MOONEY	8-6-13/2:30	A	COLILERT					
4	12 WILLIAMS ST.	DIS	MOONEY	8-6-13/11:05	0.81	0.81	0.79	MOONEY	8-6-13/2:30	A	COLILERT					
5	HOSPITAL ST. STA.	DIS	MOONEY	8-6-13/11:25	0.84	0.84	0.77	MOONEY	8-6-13/2:30	A	COLILERT					
6	GREYBIRCH	DIS	MOONEY	8-6-13/12:50	0.48	0.48	0.77	MOONEY	8-6-13/2:30	A	COLILERT					
7	QUALITY INN	DIS	MOONEY	8-6-13/1:10	0.45	0.47	0.79	MOONEY	8-6-13/2:30	A	COLILERT					
8	WILLOW ST. STA.	DIS	MOONEY	8-6-13/1:35	1.00	1.00	0.74	MOONEY	8-6-13/2:30	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	8-13-13/9:10	1.10	1.10	<.2	MOONEY	8-13-13/1:30	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	8-13-13/9:30	1.08	1.08	<.2	MOONEY	8-13-13/1:30	A	COLILERT					
11	WESTERN STA.	DIS	MOONEY	8-13-13/9:45	0.77	0.79	0.55	MOONEY	8-13-13/1:30	A	COLILERT					
12	MANCHESTER TOWN OFFICE	DIS	MOONEY	8-13-13/10:20	0.30	0.32	0.48	MOONEY	8-13-13/1:30	A	COLILERT					
13	12 WILLIAMS ST.	DIS	MOONEY	8-13-13/10:50	0.87	0.89	0.31	MOONEY	8-13-13/1:30	A	COLILERT					
14	HOSPITAL ST. STA.	DIS	MOONEY	8-13-13/11:05	0.86	0.87	0.25	MOONEY	8-13-13/1:30	A	COLILERT					
15	K.V. CREDIT UNION	DIS	MOONEY	8-13-13/11:30	0.57	0.58	0.58	MOONEY	8-13-13/1:30	A	COLILERT					
16	WESTERN STA.	DIS	MOONEY	8-20-13/8:40	0.66	0.67	0.67	MOONEY	8-20-13/11:15	A	COLILERT					
17	WELLHOUSE	DIS	MOONEY	8-20-13/9:00	1.14	1.13	0.83	MOONEY	8-20-13/11:15	A	COLILERT					
18	NORTHWEST STA.	DIS	MOONEY	8-20-13/9:15	1.06	1.07	0.88	MOONEY	8-20-13/11:15	A	COLILERT					
19	12 WILLIAMS ST.	DIS	MOONEY	8-20-13/9:35	1.16	1.17	0.85	MOONEY	8-20-13/11:15	A	COLILERT					
20	HOSPITAL ST. STA.	DIS	MOONEY	8-20-13/9:50	0.98	1.01	0.85	MOONEY	8-20-13/11:15	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	8-27-13/10:05	0.71	0.73	0.70	MOONEY	8-27-13/1:30	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	8-27-13/10:40	1.29	1.29	0.77	MOONEY	8-27-13/1:30	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	8-27-13/11:00	1.28	1.28	0.76	MOONEY	8-27-13/1:30	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	8-27-13/11:20	1.28	1.28	0.72	MOONEY	8-27-13/1:30	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	8-27-13/11:40	0.92	0.92	0.73	MOONEY	8-27-13/1:30	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	8-14-13/8:15	0.00	0.00		MOONEY	8-14-13/9:15					COND.=1.12	us/cm	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 Community System → <input checked="" type="checkbox"/>	
PWSID#:	90080	Non-transient Non-community → <input type="checkbox"/>	
Designated operator name and ME License #:	Brian Tarbuck 2026	Transient Non-Community → <input type="checkbox"/>	
e-mail address:	btarbuck@augustawater.org	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Reporting period (month and year):	August - 13	List any operation problems or comments:	
Signature: 	Date: 9/ /2013	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	0.84	1.13	0.70	2.67
2	0.76	0.92	0.69	2.36
3	0.32	0.43	0.82	1.57
4	0.75	1.05	0.67	2.47
5	0.07	0.13	0.88	1.08
6	0.50	0.69	0.76	1.95
7	0.81	1.12	0.66	2.59
8	0.32	0.48	0.81	1.61
9	0.39	0.55	0.79	1.72
10	0.43	0.59	0.77	1.79
11	0.25	0.35	0.83	1.43
12	0.69	1.13	0.58	2.39
13	0.05	1.21	0.05	1.30
14	0.80	1.07	0.67	2.54
15	0.28	0.38	0.85	1.51
16	0.50	1.07	0.62	2.18
17	0.22	1.09	0.16	1.47
18	0.31	1.18	0.26	1.75
19	0.46	1.15	0.37	1.98
20	0.45	1.16	0.38	2.00
21	0.32	1.15	0.78	2.25
22	0.59	1.13	0.74	2.46
23	0.33	1.14	0.74	2.21
24	0.25	1.17	0.44	1.85
25	0.12	1.16	0.49	1.77
26	0.00	1.16	0.82	1.98
27	0.46	1.13	0.73	2.32
28	0.22	1.15	0.59	1.96
29	0.19	1.14	0.76	2.09
30	0.00	1.17	0.64	1.81
31	0.00	1.15	0.74	1.89
Sum	11.64	29.51	19.79	60.95

Monthly Operating Report
System Type - All GW systems

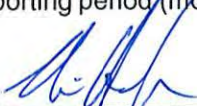
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: **9/6/2013**

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	2.67	n/a	7.59	n/a
2	2.36	n/a	7.59	n/a
3	1.57	n/a	7.58	n/a
4	2.47	n/a	7.59	n/a
5	1.08	n/a	7.56	n/a
6	1.95	n/a	7.58	n/a
7	2.59	n/a	7.59	n/a
8	1.61	n/a	7.57	n/a
9	1.72	n/a	7.57	n/a
10	1.79	n/a	7.57	n/a
11	1.43	n/a	7.57	n/a
12	2.39	n/a	7.59	n/a
13	1.30	n/a	7.61	n/a
14	2.54	n/a	7.60	n/a
15	1.91	n/a	7.58	n/a
16	2.18	n/a	7.60	n/a
17	1.47	n/a	7.61	n/a
18	1.75	n/a	7.61	n/a
19	1.98	n/a	7.61	n/a
20	2.00	n/a	7.61	n/a
21	2.25	n/a	7.59	n/a
22	2.46	n/a	7.59	n/a
23	2.21	n/a	7.59	n/a
24	1.85	n/a	7.60	n/a
25	1.77	n/a	7.60	n/a
26	1.98	n/a	7.58	n/a
27	2.32	n/a	7.60	n/a
28	1.96	n/a	7.59	n/a
29	2.09	n/a	7.59	n/a
30	1.81	n/a	7.59	n/a
31	1.89	n/a	7.58	n/a
Summary	60.95 (total)	(avg.)	7.59 (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
3	23	0				1.18
2	30	0				1.17
0	25	0				1.16
2	17	0				1.15
1	27	0				1.15
1	12	0				1.15
1	21	0				1.15
2	29	0				1.14
1	19	0				1.13
1	19	0				1.13
1	20	0				1.12
1	16	0				1.12
1	27	0				1.10
1	15	550				1.12
0	28	0				1.11
1	18	0				1.05
2	23	0				1.07
0	16	0				1.08
1	20	50				1.15
2	23	0				1.18
1	24	0				1.20
1	28	0				1.19
1	30	0				1.19
0	25	0				1.19
1	23	0				1.17
2	21	0				1.23
1	27	0				1.27
1	18	0				1.25
1	24	0				1.27
1	25	0				1.28
1	23	0				1.26
35.19	697.88	600.00				1.05
(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

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: ~~August 2013~~ August 2013

Signature: B. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	10,360	5.0	.48	.87
2				
3	12,430	6.0	.49	.90
4	6,457	3.0	.50	.98
5				
6				
7	22,941	10.0	.44	.70
8				
9	13,704	7.0	.42	.77
10				
11	12,737	6.5	.40	1.58
12				
13	11,535	5.5	.44	.82
14				
15				
16	20,101	10.0	.44	.80
17				
18	14,572	7.0	.39	.79
19				
20	12,152	6.0	.39	.81
21				
22	15,200	7.5	.39	.77
23				
24	13,410	6.5	.34	1.26
25				
26	11,639	4.0	.36	.95
27				
28	17,267	9.0	.40	.95
29	3,826	2.0	.56	1.20
30	7,276	3.5	.60	1.20
31	7,772	4.0	.60	1.20
Summary	213,379	102.5	-	

12 Williams Street

Augusta, ME 04330-5225

www.greateraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:

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

TRUSTEES:

LESLEY JONES
ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

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

Dear Mr. Pushard:

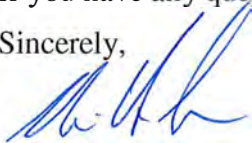
Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of September, 2013.

Please find the following documents enclosed:

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 (PWSID 92255) Total Coliform Monitoring Report.

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: **September - 13**

Signature:  Date: **10/8/2013**

System Information

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

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Date	GAUD mg/L	Location	HETL mg/l
9/23/2013 13:35	0.68	Triangle Station	0.70


Fluoride

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.87	81.88	0.80	0.79
2	1.50	81.92	0.83	0.98
3	1.95	71.93	0.71	0.66
4	2.12	74.84	0.68	0.64
5	1.80	78.88	0.71	0.79
6	2.04	70.81	0.69	0.62
7	1.75	74.86	0.69	0.77
8	1.73	64.65	0.71	0.67
9	2.04	68.71	0.63	0.61
10	1.98	71.72	0.60	0.65
11	2.45	82.92	0.63	0.61
12	1.93	84.92	0.64	0.79
13	1.96	74.79	0.71	0.69
14	1.67	69.72	0.66	0.75
15	1.67	62.77	0.68	0.68
16	1.93	66.72	0.67	0.62
17	2.14	75.81	0.67	0.64
18	1.61	78.84	0.67	0.88
19	1.94	70.67	0.66	0.66
20	2.11	72.71	0.69	0.62
21	1.57	71.70	0.64	0.82
22	1.68	63.78	0.61	0.68
23	1.95	69.73	0.61	0.64
24	1.92	72.74	0.56	0.68
25	1.82	71.75	0.71	0.71
26	2.07	77.80	0.66	0.68
27	1.60	80.83	0.59	0.91
28	1.70	62.73	0.61	0.67
29	1.72	65.76	0.59	0.69
30	1.99	69.81	1.03	0.63
Avg	1.87	72.89	0.68	0.71
Min	1.50	62.73	0.56	0.61
Max	2.45	84.92	1.03	0.98
Total	56.21	2,186.69		

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	MANCHESTER TOWN OFFICE	DIS	MOONEY	9-4-13/8:10	0.14	0.17	0.71	MOONEY	9-4-13/12:00	A	COLILERT					
2	WESTERN STA.	DIS	MOONEY	9-4-13/8:30	0.64	0.66	0.70	MOONEY	9-4-13/12:00	A	COLILERT					
3	WELLHOUSE	DIS	MOONEY	9-4-13/8:50	1.15	1.14	0.68	MOONEY	9-4-13/12:00	A	COLILERT					
4	NORTHWEST STA.	DIS	MOONEY	9-4-13/9:05	1.13	1.13	0.64	MOONEY	9-4-13/12:00	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	9-4-13/9:30	1.22	1.22	0.71	MOONEY	9-4-13/12:00	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	9-4-13/9:50	1.04	1.04	0.72	MOONEY	9-4-13/12:00	A	COLILERT					
7	WILLOW ST. STA.	DIS	MOONEY	9-4-13/10:05	1.21	1.21	0.67	MOONEY	9-4-13/12:00	A	COLILERT					
8	1000 RIVERSIDE DR.	DIS	MOONEY	9-4-13/10:30	0.08	0.08	0.72	MOONEY	9-4-13/12:00	A	COLILERT					0:10ML
9	WESTERN STA.	DIS	MOONEY	9-9-13/10:35	1.05	1.05	0.62	MOONEY	9-10-13/7:15	A	COLILERT					
10	WELLHOUSE	DIS	MOONEY	9-9-13/10:50	1.25	1.24	0.67	MOONEY	9-10-13/7:15	A	COLILERT					
11	NORTHWEST STA.	DIS	MOONEY	9-9-13/11:05	1.24	1.24	0.65	MOONEY	9-10-13/7:15	A	COLILERT					
12	12 WILLIAMS ST.	DIS	MOONEY	9-9-13/11:25	1.17	1.19	0.68	MOONEY	9-10-13/7:15	A	COLILERT					
13	HOSPITAL ST. STA.	DIS	MOONEY	9-9-13/11:45	0.93	0.94	0.67	MOONEY	9-10-13/7:15	A	COLILERT					
14	WESTERN STA.	DIS	MOONEY	9-16-13/10:15	0.95	0.95	0.67	MOONEY	9-16-13/2:00	A	COLILERT					
15	WELLHOUSE	DIS	MOONEY	9-16-13/10:35	1.15	1.14	0.69	MOONEY	9-16-13/2:00	A	COLILERT					
16	NORTHWEST STA.	DIS	MOONEY	9-16-13/10:50	1.27	1.27	0.67	MOONEY	9-16-13/2:00	A	COLILERT					
17	12 WILLIAMS ST.	DIS	MOONEY	9-16-13/11:10	1.16	1.18	0.66	MOONEY	9-16-13/2:00	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	9-16-13/11:40	0.89	0.89	0.65	MOONEY	9-16-13/2:00	A	COLILERT					
19	QUALITY INN	DIS	MOONEY	9-16-13/1:00	0.60	0.61	0.66	MOONEY	9-16-13/2:00	A	COLILERT					
20	WESTERN STA.	DIS	MOONEY	9-23-13/1:15	0.99	1.00	0.70	MOONEY	9-24-13/11:00	A	COLILERT					
21	WELLHOUSE	DIS	MOONEY	9-23-13/1:35	1.26	1.26	0.68	MOONEY	9-24-13/11:00	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	9-23-13/1:50	1.35	1.35	0.68	MOONEY	9-24-13/11:00	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	9-23-13/2:20	1.25	1.27	0.66	MOONEY	9-24-13/11:00	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	9-23-13/2:40	0.90	0.90	0.65	MOONEY	9-24-13/11:00	A	COLILERT					
25	FARRINGTON SCHOOL	DIS	MOONEY	9-23-13/3:00	0.72	0.75	0.67	MOONEY	9-24-13/11:00	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	9-23-13/9:30	0.00	0.00		MOONEY	9-23-13/10:20					COND.=1.07	us/cm	0:4ml

Monthly Well Production Report
System Type - All GW systems

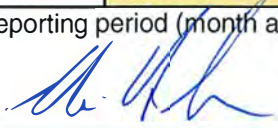
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: 10/8/2013

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	1.15	0.39	1.87
2	0.13	1.18	0.19	1.50
3	0.35	1.14	0.46	1.95
4	0.45	1.15	0.52	2.12
5	0.08	1.16	0.56	1.80
6	0.09	1.16	0.80	2.04
7	0.15	1.16	0.44	1.75
8	0.25	1.17	0.31	1.73
9	0.11	1.15	0.78	2.04
10	0.01	1.16	0.81	1.98
11	0.71	1.05	0.69	2.45
12	0.31	0.84	0.78	1.93
13	0.39	0.82	0.75	1.96
14	0.15	0.71	0.81	1.67
15	0.14	0.72	0.80	1.67
16	0.11	1.15	0.67	1.93
17	0.51	1.14	0.49	2.14
18	0.02	1.15	0.44	1.61
19	0.18	1.15	0.60	1.94
20	0.48	1.14	0.48	2.11
21	0.00	1.17	0.40	1.57
22	0.00	1.16	0.52	1.68
23	0.00	1.16	0.80	1.95
24	0.26	0.90	0.76	1.92
25	0.00	1.02	0.80	1.82
26	0.29	1.02	0.76	2.07
27	0.00	0.78	0.82	1.60
28	0.00	0.89	0.81	1.70
29	0.16	0.78	0.78	1.72
30	0.04	1.16	0.79	1.99
Sum	5.70	31.49	19.03	56.21

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 - 13**

Signature:  Date: **10/8/2013**

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	1.87	n/a	7.60	n/a
2	1.50	n/a	7.60	n/a
3	1.95	n/a	7.59	n/a
4	2.12	n/a	7.59	n/a
5	1.80	n/a	7.59	n/a
6	2.04	n/a	7.59	n/a
7	1.75	n/a	7.60	n/a
8	1.73	n/a	7.60	n/a
9	2.04	n/a	7.59	n/a
10	1.98	n/a	7.58	n/a
11	2.45	n/a	7.60	n/a
12	1.93	n/a	7.57	n/a
13	1.96	n/a	7.58	n/a
14	1.67	n/a	7.56	n/a
15	1.67	n/a	7.56	n/a
16	1.93	n/a	7.57	n/a
17	2.14	n/a	7.59	n/a
18	1.61	n/a	7.58	n/a
19	1.94	n/a	7.59	n/a
20	2.11	n/a	7.60	n/a
21	1.57	n/a	7.59	n/a
22	1.68	n/a	7.58	n/a
23	1.95	n/a	7.57	n/a
24	1.92	n/a	7.58	n/a
25	1.82	n/a	7.56	n/a
26	2.07	n/a	7.58	n/a
27	1.60	n/a	7.56	n/a
28	1.70	n/a	7.56	n/a
29	1.72	n/a	7.56	n/a
30	1.99	n/a	7.56	n/a
Summary	56.21		7.58	

(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	23	0	n/a			1.21
1	23	0	n/a			1.22
1	17	100				1.23
1	24	0	n/a			1.21
1	25	50				1.21
0	21	0				1.24
1	24	0	n/a			1.21
2	22	0	n/a			1.18
0	19	50				1.21
1	25	0	n/a			1.22
2	25	0	n/a			1.18
2	31	0	n/a			1.16
1	22	0	n/a			1.16
0	22	0	n/a			1.17
1	20	0	n/a			1.21
1	20	0	n/a			1.21
2	23	0	n/a			1.19
1	26	0	n/a			1.17
0	19	0	n/a			1.20
1	26	0	n/a			1.21
1	21	0	n/a			1.30
1	17	0	n/a			1.30
0	21	0	n/a			1.29
2	24	0	n/a			1.28
1	23	0	n/a			1.28
1	21	0	n/a			1.27
1	25	0	n/a			1.25
0	20	0	n/a			1.29
1	20	0	n/a			1.27
1	21	50				1.27
27	669	250				1.16

(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:	0.68

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~~ SEP 2013

Signature: Benjamin J. Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	6,510	3.0	.30	.78
2	6,772	3.0	.44	.81
3	6,434	3.0	.51	.88
4				
5				
6	20,687	10.0	.52	.72
7				
8				
9	19,637	10.0	.49	.80
10				
11	13,479	6.5	.32	.85
12	5,614	2.25	.49	.72
13	8,396	4.5	.51	1.19
14				
15				
16	17,582	10.0	.47	.67
17	6,894	3.25	.51	1.41
18	5,283	2.75	.58	1.17
19	6,099	3.0	.53	1.39
20	4,673	2.0	.51	1.07
21	8,105	4.0	.51	1.09
22	7,470	3.5	.44	.92
23				
24	6,450	3.0	.50	.96
25	4,909	3.0	.50	.97
26	9,788	5.0	.47	.90
27				
28	9,376	5.0	.48	1.24
29				
30	9,481	5.0	.46	1.07
31				
Summary	183,639	91.75	-	

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:

Sept

Year:

2013

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	242-6252
PWSID#:	92285
Address:	1200 East Pittston RD Pittston Me 04345
Sample Category (1):	Bact.
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility Dist
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	9/16/13 7:00	130925	9/17/13 @ 7:30	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

12 Williams Street

Augusta, ME 04330-5225

www.greteraugustautilitydistrict.org

BRIAN TARBUCK
General Manager

TRUSTEES:

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CHARLENE HAMIWKA, Treasurer

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ANDREW McPHERSON
DONALD A. ROBERTS
SUKEY SIKORA

November 8, 2013

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

Dear Mr. Pushard:

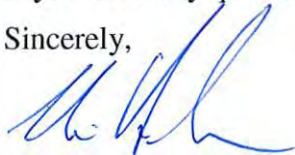
Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of October, 2013.

Please find the following documents enclosed:

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: **October - 13**

System Information

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

Notes: See notes below for specific operating conditions.

Signature: 

Date: **11/8/2013**

Date	GAUD mg/L	Location	HETL mg/l
10/16/13 10.:40	0.62	Triangle Station	0.60

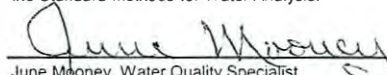
Fluoride

General Note:

Date	Mgals pumped	Gallons of makeup water	Daily Residual	Theoretical Calculation
units:	Mgals	gallons	mg/L	mg/L
1	1.97	74.88	0.64	0.68
2	2.01	70.86	0.61	0.63
3	1.67	74.87	0.62	0.81
4	2.37	83.97	0.65	0.64
5	1.81	86.98	0.87	0.86
6	1.62	66.77	0.89	0.74
7	2.02	69.72	0.62	0.62
8	2.34	80.79	0.60	0.62
9	2.56	83.82	0.58	0.59
10	2.09	86.81	0.74	0.75
11	1.53	76.86	0.62	0.90
12	2.01	72.80	0.64	0.65
13	1.67	75.83	0.64	0.82
14	1.69	66.78	0.63	0.71
15	1.90	71.72	0.67	0.68
16	1.91	75.79	0.67	0.71
17	1.69	67.77	0.65	0.72
18	1.93	66.64	0.63	0.62
19	1.61	67.65	0.68	0.76
20	1.46	63.71	0.62	0.79
21	1.85	63.57	0.64	0.62
22	1.72	66.61	0.67	0.70
23	1.81	68.80	0.66	0.68
24	1.93	68.83	0.63	0.64
25	1.78	70.85	0.64	0.72
26	1.84	66.74	0.68	0.90
27	1.72	63.75	0.65	0.67
28	1.79	65.77	0.60	0.66
29	1.75	64.67	0.61	0.66
30	1.72	62.69	0.64	0.65
31	1.70	65.71	0.66	0.70
Avg	1.84	1,994.69	0.66	0.71
Min	1.34	62.69	0.58	0.59
Max	2.56	86.98	0.89	0.90
Total	56.96	2,212.98		

Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
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	Colifom	Method	Lauryl Tryptose			EC 44.5c	HPC 48 hrs
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green		
1	WESTERN STA.	DIS	MOONEY	10-1-13/11:20	0.70	0.70	0.67	MOONEY	10-2-13/8:00	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	10-1-13/11:40	1.16	1.15	0.68	MOONEY	10-2-13/8:00	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	10-1-13/11:55	1.23	1.24	0.66	MOONEY	10-2-13/8:00	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	10-1-13/1:00	0.97	0.99	0.67	MOONEY	10-2-13/8:00	A	COLILERT					
5	12 WILLIAMS ST	DIS	MOONEY	10-1-13/1:15	1.15	1.15	0.69	MOONEY	10-2-13/8:00	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	10-1-13/1:30	0.90	0.91	0.68	MOONEY	10-2-13/8:00	A	COLILERT					
7	WESTERN STA.	DIS	MOONEY	10-8-13/9:15	0.66	0.67	0.69	MOONEY	10-8-13/10:30	A	COLILERT					
8	WELLHOUSE	DIS	MOONEY	10-8-13/9:35	1.30	1.26	0.64	MOONEY	10-8-13/10:30	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	10-8-13/9:50	1.28	1.28	0.68	MOONEY	10-8-13/10:30	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	10-8-13/10:15	1.22	1.21	0.62	MOONEY	10-8-13/10:30	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	10-8-13/10:45	0.97	0.96	0.63	MOONEY	10-8-13/10:30	A	COLILERT					
12	TOGUS STA.	DIS	MOONEY	10-8-13/11:10	0.96	0.96	0.64	MOONEY	10-8-13/10:30	A	COLILERT					
13	QUALITY INN	DIS	MOONEY	10-8-13/11:40	0.22	0.24	0.68	MOONEY	10-8-13/10:30	A	COLILERT					
14	MANCCHESHER TOWN OFFIC	DIS	MOONEY	10-9-13/9:05	0.51	0.54	0.66	MOONEY	10-9-13/10:20	A	COLILERT					
15	WESTERN STA.	DIS	MOONEY	10-16-13/10:20	0.93	0.95	0.65	MOONEY	10-16-13/1:30	A	COLILERT					
16	WELLHOUSE	DIS	MOONEY	10-16-13/10:40	1.15	1.14	0.62	MOONEY	10-16-13/1:30	A	COLILERT					
17	NORTHWEST STA.	DIS	MOONEY	10-16-13/10:55	0.97	0.98	0.67	MOONEY	10-16-13/1:30	A	COLILERT					
18	12 WILLIAMS ST.	DIS	MOONEY	10-16-13/11:15	1.20	1.23	0.61	MOONEY	10-16-13/1:30	A	COLILERT					
19	HOSPITAL ST. STA.	DIS	MOONEY	10-16-13/11:30	1.05	1.05	0.65	MOONEY	10-16-13/1:30	A	COLILERT					
20	WELLHOUSE	DIS	MOONEY	10-21-13/10:10	1.13	1.13	0.63	MOONEY	10-21-13/2:00	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	10-22-13/10:20	0.86	0.87	0.63	MOONEY	10-22-13/1:15	A	COLILERT					
22	NORTHWEST STA.	DIS	MOONEY	10-22-13/10:40	1.30	1.30	0.70	MOONEY	10-22-13/1:15	A	COLILERT					
23	12 WILLIAMS ST.	DIS	MOONEY	10-22-13/11:05	1.10	1.09	0.66	MOONEY	10-22-13/1:15	A	COLILERT					
24	HOSPITAL ST. STA.	DIS	MOONEY	10-22-13/11:25	0.95	0.97	0.67	MOONEY	10-22-13/1:15	A	COLILERT					
25	WESTERN STA.	DIS	MOONEY	10-28-13/10:10	0.81	0.81	0.66	MOONEY	10-28-13/1:45	A	COLILERT					
26	WELLHOUSE	DIS	MOONEY	10-28-13/10:30	1.37	1.35	0.65	MOONEY	10-28-13/1:45	A	COLILERT					
27	NORTHWEST STA.	DIS	MOONEY	10-28-13/10:45	1.42	1.43	0.67	MOONEY	10-28-13/1:45	A	COLILERT					
28	12 WILLIAMS ST.	DIS	MOONEY	10-28-13/11:05	1.17	1.17	0.68	MOONEY	10-28-13/1:45	A	COLILERT					
29	HOSPITAL ST. STA.	DIS	MOONEY	10-28-13/11:25	1.09	1.07	0.67	MOONEY	10-28-13/1:45	A	COLILERT					
*	LAB DISTILLED WATER	DIS	MOONEY	10-15-13/8:45	0.01	0.01		MOONEY	10-15-13/10:20							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): **October - 13**

Signature:  Date: **11/8/2013**

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	0.37	1.15	0.46	1.97
2	0.46	1.14	0.41	2.01
3	0.04	1.13	0.50	1.67
4	0.56	1.12	0.69	2.37
5	0.12	1.15	0.54	1.81
6	0.00	1.16	0.46	1.62
7	0.35	1.14	0.53	2.02
8	0.52	1.12	0.70	2.34
9	0.83	1.10	0.64	2.56
10	0.44	1.14	0.51	2.09
11	0.45	0.67	0.41	1.53
12	0.31	1.13	0.56	2.01
13	0.00	1.16	0.51	1.67
14	0.00	1.16	0.52	1.69
15	0.11	1.15	0.64	1.90
16	0.42	0.74	0.74	1.91
17	0.05	0.83	0.80	1.69
18	0.30	0.89	0.74	1.93
19	0.19	0.63	0.79	1.61
20	0.08	0.56	0.82	1.46
21	0.17	0.92	0.76	1.85
22	0.00	1.16	0.56	1.72
23	0.00	1.11	0.70	1.81
24	0.32	1.14	0.47	1.93
25	0.36	0.99	0.42	1.78
26	0.02	1.17	0.14	1.84
27	0.00	1.15	0.57	1.72
28	0.45	0.93	0.40	1.79
29	0.33	0.66	0.76	1.75
30	0.23	0.72	0.77	1.72
31	0.18	0.74	0.78	1.70
Sum	7.67	30.97	18.32	56.96

Monthly Operating Report
System Type - All GW systems

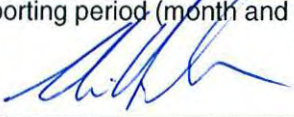
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: **11/8/2013**

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 offline for cleaning on 10/26. Daily usage data is not reliable in this period.

Daily water production				
Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.97	n/a	7.59	/a
2	2.01	n/a	7.59	n/a
3	1.67	n/a	7.57	n/a
4	2.37	n/a	7.59	n/a
5	1.81	n/a	7.57	/a
6	1.62	/a	7.57	/a
7	2.02	n/a	7.58	n/a
8	2.34	n/a	7.59	n/a
9	2.56	n/a	7.60	n/a
10	2.09	n/a	7.58	n/a
11	1.53	n/a	7.58	n/a
12	2.01	n/a	7.58	n/a
13	1.67	n/a	7.56	n/a
14	1.69	n/a	7.57	n/a
15	1.90	n/a	7.57	n/a
16	1.91	n/a	7.57	n/a
17	1.69	/a	7.55	n/a
18	1.93	n/a	7.56	n/a
19	1.61	n/a	7.55	n/a
20	1.46	n/a	7.55	n/a
21	1.85	n/a	7.55	n/a
22	1.72	n/a	7.55	/a
23	1.81	n/a	7.55	/a
24	1.93	n/a	7.58	n/a
25	1.78	n/a	7.59	n/a
26	1.34	n/a	7.57	n/a
27	1.72	n/a	7.56	n/a
28	1.79	n/a	7.60	n/a
29	1.75	n/a	7.55	n/a
30	1.72	n/a	7.55	n/a
31	1.70	n/a	7.54	n/a
Summary	56.96		7.57	
	(total)	(avg.)	(avg.)	(min.)

From table below:

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

Chemical usage						Free chlorine residual
Calc gal	Hypo gal	NaF lbs	4	5	6	
1	23	0				1.23
1	23	50				1.21
1	24					1.22
1	19					1.24
1	29	50				1.27
1	21					1.27
1	20					1.25
0	24					1.24
2	29	50				1.25
1	31					1.26
1	24	50				1.19
1	19					1.22
1	24					1.26
1	19					1.23
1	22	0				1.26
1	22	50				1.22
1	23					1.21
1	20	50				1.23
1	23					1.21
1	19					1.20
1	18	50				1.24
1	23					1.24
1	18					1.34
1	11					1.38
1	25	0				1.25
1	22					1.35
0	16					1.40
1	22					1.22
3	25					1.23
1	20	0				1.17
1	19	50				1.22
33.04	678.27	400.00				1.17
(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:	1.03	Average chlorine residual at sites:	0.93

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~~ OCT 2013

Signature: B. Baker # 3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	8,480	4.0	.47	1.10
2	5,370	2.75	.49	1.00
3	5,291	2.75	.50	1.10
4	5,033	3.0	.50	1.11
5				
6				
7	12,149	7.0	.48	1.10
8				
9	10,148	6.5	.52	1.12
10	5,599	3.0	.64	.95
11	6,121	3.0	.44	1.10
12				
13				
14	12,750	7.0	.51	1.12
15	4,830	2.25	.50	1.05
16	9,472	5.0	.50	1.07
17	4,992	2.5	.50	1.05
18				
19				
20	13,476	8.0	.47	1.10
21	4,863	2.0	.47	2.9
22	5,339	3.0	.49	1.07
23	5,870	3.0	.49	.93
24	5,537	3.0	.45	1.10
25	5,353	3.0	.49	.93
26				
27	10,572	5.5	.44	.61
28	5,038	3.0	.55	1.22
29	4,312	2.0	.41	.78
30	4,341	2.5	.44	1.00
31	5,681	3.0	.39	1.02
Summary	160,617	86.75		

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

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LESLEY JONES
ANDREW McPHERSON
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SUKEY SIKORA

December 5, 2013

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

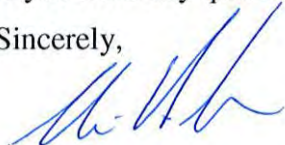
Dear Mr. Pushard:

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, 2013. 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 for:
 - Building 206
 - Building 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: **November - 13**

Signature:  Date: **12/5/2013**

System Information

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

Fluoride Chemical Used: **Sodium Fluoride**

Notes: See notes below for specific operating conditions.

Date	GAUD mg/L	Location	HETL mg/L
11/12/2013 10:15	0.67	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	1.63	63.73	0.64	0.70
2	1.62	57.63	0.64	0.64
3	1.42	61.66	0.65	0.78
4	1.90	71.82	0.69	0.68
5	1.67	64.68	0.70	0.70
6	1.84	70.71	0.65	0.69
7	1.77	64.75	0.66	0.66
8	1.73	62.64	0.68	0.65
9	1.64	63.68	0.67	0.70
10	1.63	62.67	0.66	0.69
11	1.45	57.70	0.67	0.72
12	1.69	63.68	0.66	0.68
13	1.53	55.61	0.62	0.66
14	1.68	55.53	0.63	0.60
15	1.80	67.65	0.66	0.68
16	1.64	64.67	0.67	0.71
17	1.50	60.87	0.67	0.73
18	1.70	58.69	0.62	0.62
19	1.65	62.67	0.67	0.69
20	1.83	64.75	0.65	0.64
21	1.72	64.69	0.66	0.68
22	1.54	60.67	0.67	0.71
23	1.53	60.54	0.66	0.71
24	1.66	60.52	0.65	0.66
25	1.74	60.70	0.66	0.63
26	1.87	67.76	0.62	0.65
27	1.86	67.77	0.61	0.66
28	1.37	48.56	0.63	0.64
29	1.29	0.00	0.63	0.00
30	1.66	0.00	0.59	0.00
Avg	1.65	58.23	0.65	0.63
Min	1.29	0.00	0.59	0.00
Max	1.90	71.82	0.70	0.78
Total	49.56	1,747.01		

The metered flow stopped reporting to SCADA and therefore is not reported. Use the online analyzer for compliance data.

Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 0090080
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			EC 44.5c	HPC 48 hrs
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green		
1	WESTERN STA.	DIS	MOONEY	11-6-13/9:30	0.71	0.72	0.67	MOONEY	11-6-13/1:30	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	11-6-13/9:50	1.22	1.21	0.70	MOONEY	11-6-13/1:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	11-6-13/10:05	1.35	1.35	0.71	MOONEY	11-6-13/1:30	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	11-6-13/10:30	1.05	1.06	0.70	MOONEY	11-6-13/1:30	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	11-6-13/10:50	1.18	1.15	0.76	MOONEY	11-6-13/1:30	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	11-6-13/11:10	0.95	0.95	0.70	MOONEY	11-6-13/1:30	A	COLILERT					
7	WESTERN STA.	DIS	MOONEY	11-12-13/9:55	1.08	1.09	37.00	MOONEY	11-12-13/3:00	A	COLILERT					
8	WELLHOUSE	DIS	MOONEY	11-12-13/10:15	1.25	1.24	0.67	MOONEY	11-12-13/3:00	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	11-12-13/10:50	1.31	1.30	0.70	MOONEY	11-12-13/3:00	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	11-12-13/11:15	1.25	1.26	0.69	MOONEY	11-12-13/3:00	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	11-12-13/11:40	0.95	0.95	0.66	MOONEY	11-12-13/3:00	A	COLILERT					
12	GREYBIRCH	DIS	MOONEY	11-12-13/12:55	0.66	0.66	0.65	MOONEY	11-12-13/3:00	A	COLILERT					
13	QUALITY INN	DIS	MOONEY	11-12-13/1:25	0.39	0.41	0.64	MOONEY	11-12-13/3:00	A	COLILERT					
14	WESTERN STA.	DIS	MOONEY	11-19-13/9:30	0.81	0.82	0.65	MOONEY	11-19-13/2:45	A	COLILERT					
15	WELLHOUSE	DIS	MOONEY	11-19-13/9:50	1.16	1.14	0.70	MOONEY	11-19-13/2:45	A	COLILERT					
16	NORTHWEST STA.	DIS	MOONEY	11-19-13/10:10	1.24	1.24	0.71	MOONEY	11-19-13/2:45	A	COLILERT					
17	K.V. CREDIT UNION	DIS	MOONEY	11-19-13/10:35	0.80	0.81	0.69	MOONEY	11-19-13/2:45	A	COLILERT					
18	12 WILLIAMS ST.	DIS	MOONEY	11-19-13/11:10	1.18	1.18	0.73	MOONEY	11-19-13/2:45	A	COLILERT					
19	HOSPITAL ST. STA.	DIS	MOONEY	11-19-13/11:35	1.01	1.01	0.73	MOONEY	11-19-13/2:45	A	COLILERT					
20	MANCHESTER TOWN OFFICE	DIS	MOONEY	11-19-13/1:05	0.54	0.56	0.68	MOONEY	11-19-13/2:45	A	COLILERT					
21	WESTERN STA.	DIS	MOONEY	11-25-13/11:00	0.81	0.82	0.68	MOONEY	11-25-13/2:15	A	COLILERT					
22	WELLHOUSE	DIS	MOONEY	11-25-13/11:15	1.38	1.35	0.67	MOONEY	11-25-13/2:15	A	COLILERT					
23	NORTHWEST STA.	DIS	MOONEY	11-25-13/11:30	1.38	1.36	0.69	MOONEY	11-25-13/2:15	A	COLILERT					
24	12 WILLIAMS ST.	DIS	MOONEY	11-25-13/11:50	1.32	1.31	0.70	MOONEY	11-25-13/2:15	A	COLILERT					
25	HOSPITAL ST. STA.	DIS	MOONEY	11-25-13/12:15	1.15	1.16	0.67	MOONEY	11-25-13/2:15	A	COLILERT					
*	LAB DISTILLED WATER	QC	MOONEY	11-18-13/7:45	0.01	0.01		MOONEY	11-18-13/9:40							0:4ML

Monthly Well Production Report
System Type - All GW systems

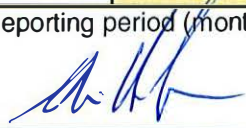
System Name: **Greater Augusta Utility District**

PWSID#: **90080**

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

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

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

Signature:  Date: **12/5/2013**

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	0.30	0.55	0.78	1.63
2	0.29	0.56	0.77	1.62
3	0.03	0.58	0.81	1.42
4	0.00	1.14	0.77	1.90
5	0.00	1.14	0.53	1.67
6	0.20	1.13	0.51	1.84
7	0.29	1.14	0.34	1.77
8	0.17	1.11	0.44	1.73
9	0.12	1.13	0.38	1.64
10	0.23	1.14	0.26	1.63
11	0.00	1.01	0.44	1.45
12	0.00	1.13	0.56	1.69
13	0.32	0.43	0.78	1.53
14	0.53	0.73	0.42	1.68
15	0.18	1.12	0.50	1.80
16	0.00	1.14	0.50	1.64
17	0.00	1.15	0.35	1.50
18	0.29	0.97	0.45	1.70
19	0.04	1.14	0.46	1.65
20	0.30	1.13	0.40	1.83
21	0.31	1.12	0.29	1.72
22	0.00	1.13	0.41	1.54
23	0.00	1.13	0.40	1.53
24	0.32	0.96	0.38	1.66
25	0.20	1.12	0.42	1.74
26	0.41	0.76	0.70	1.87
27	0.40	0.78	0.68	1.86
28	0.01	0.61	0.76	1.37
29	0.00	0.51	0.78	1.29
30	0.36	0.57	0.73	1.66
Sum	5.31	28.26	15.99	49.56

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): **November - 13**

Signature:  Date: **12/5/2013**

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

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

Date	Gallons (MGD)	Peak hourly flow	pH	Dis. log inactivation
1	1.63	n/a	7.55	n/a
2	1.62	n/a	7.55	n/a
3	1.42	n/a	7.54	n/a
4	1.90	n/a	7.55	n/a
5	1.67	n/a	7.55	n/a
6	1.84	n/a	7.57	n/a
7	1.77	n/a	7.58	n/a
8	1.73	n/a	7.57	n/a
9	1.64	n/a	7.57	n/a
10	1.63	n/a	7.58	n/a
11	1.45	n/a	7.57	n/a
12	1.69	n/a	7.55	n/a
13	1.53	n/a	7.54	n/a
14	1.68	n/a	7.61	n/a
15	1.80	n/a	7.56	n/a
16	1.64	n/a	7.56	n/a
17	1.50	n/a	7.56	n/a
18	1.70	n/a	7.58	n/a
19	1.65	n/a	7.56	n/a
20	1.83	n/a	7.57	n/a
21	1.72	n/a	7.58	n/a
22	1.54	n/a	7.56	n/a
23	1.53	n/a	7.56	n/a
24	1.66	n/a	7.57	n/a
25	1.74	n/a	7.57	n/a
26	1.87	n/a	7.55	n/a
27	1.86	n/a	7.56	n/a
28	1.37	n/a	7.53	n/a
29	1.29	n/a	7.53	n/a
30	1.66	n/a	7.55	n/a
Summary	49.56		7.56	

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

Chemical usage

Ave free chlorine residual

Calc gal	Hypo gal	NaF lbs	4	5	6	Ave free chlorine residual mg/l
-1	19	50				1.19
0	17					1.26
2	20					1.26
1	18	50				1.30
2	23					1.31
1	19					1.27
1	22	50				1.25
1	22	50				1.25
2	20					1.26
1	19					1.24
1	20					1.18
1	18	50				1.26
1	20					1.21
1	19	50				1.23
1	20					1.26
0	21					1.30
1	19					1.31
-1	17	50				1.26
1	21					1.35
1	23	50				1.36
0	16					1.25
0	19					1.28
-2	19					1.29
3	20					1.26
1	21	50				1.28
1	20					1.28
-1	22					1.27
0	22					1.28
1	17					1.29
0	16					1.26
18	588	450				1.18

(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:	1.05

Monthly Operating Report **BLDG = 206** **Clearitas**
 System Type - All GW systems

System Name: Greater Augusta Utility District for Togus VA

PWSID#: 90080

Operator: Ben Baker (Togus)

Reporting period: ~~June 2012~~ **November 2013**

Signature: Benjamin Baker #3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21	1610	1	.57	1.03
22	3,102	2	.50	1.02
23				
24	2,254	1.5	.59	.90
25	1,455	.75	.64	1.35
26	2,976	1.75	.64	.93
27	1,133	1.0	.57	1.16
28				
29	3,307	1.75	.61	1.18
30				
31				
Summary	15,837	15.15		

Monthly Operating Report
System Type - All GW systems

BLDG - 207 Clearitas

System Name: Greater Augusta Utility District for Togus VA
PWSID#: 90080
Operator: Ben Baker (Togus)
Reporting period: ~~June 2012~~ NOV 2013

Signature: Ben Baker # 3836

Date	Water treated Gallons	Clearitas Gallons	Pre-treatment chlorine (mg/L)	Post-treatment chlorine (mg/L)
1	4,250	2.75	.49	1.09
2				
3	10,084	5.5	.45	1.24
4	5,369	3.0	.54	.96
5	5,804	3.25	.50	1.21
6	5,491	3.0	.54	1.18
7	5,231	3.0	.59	.85
8	4,729	2.75	.59	1.21
9				
10	11,583	6.5	.52	.81
11	7,809	4.0	.52	.68
12	4,961	2.5	.50	.75
13	5,470	3.0	.53	.80
14	5,126	3.0	.54	1.01
15				
16				
17	12,008	7.0	.61	.80
18	4,916	3.0	.58	.99
19	5,630	3.0	.58	1.10
20	4,209	2.5	.59	1.01
21	4,900	2.5	.59	.95
22	5,976	3.5	.64	.95
23				
24	6,923	4.0	.61	.85
25	4,398	2.5	.68	1.09
26	6,921	4.0	.66	1.00
27	2,459	1.5	.56	.98
28				
29	8,922	5.0	.68	.91
30				
31				
Summary	143,169	80.75		