

12 Williams Street
Augusta, Maine 04330
www.augustawater.org

BRIAN TARBUCK
General Manager

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January 7, 2009

Scott Whitney
State of Maine, Drinking Water Program
11 State House Station
Augusta, ME 04333-0011

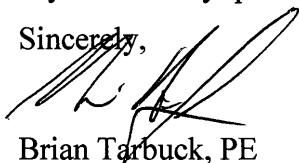
Dear Mr. Whitney:

Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of December, 2008. 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. East Pittston Water District total coliform report (PWSID: 92255)

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

Sincerely,



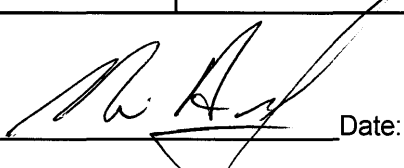
Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Greater Augusta Utility District**

PWSID#: **90080**

Reporting period: **December, 2008**

Signature:  Date: **1/8/2009**

System Information

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

Fluoride Chemical Used: **Sodium fluoride**

Notes:

Date	AWD	Location	HETL
12/23/2008 14:00	1.33	Triangle Station	

Fluoride				
Date	Total production	Gallons of makeup water	Daily Average Residual	Theoretical Calculation
units:	Mgals	gallons	mg / L	mg / L
1	1.71	117	1.26	1.23
2	1.73	116	1.23	1.21
3	1.55	106	1.26	1.23
4	1.82	126	1.22	1.25
5	1.65	113	1.28	1.23
6	1.66	116	1.29	1.26
7	1.47	99	1.22	1.21
8	1.57	109	1.28	1.25
9	1.48	111	1.27	1.35
10	1.72	114	1.28	1.19
11	1.67	122	1.30	1.31
12	1.62	108	1.27	1.20
13	1.64	112	1.20	1.23
14	1.37	96	1.22	1.26
15	1.40	98	1.28	1.26
16	1.82	128	1.24	1.27
17	1.66	114	1.25	1.24
18	1.56	113	1.22	1.30
19	1.68	115	1.26	1.23
20	1.46	111	1.25	1.37
21	1.61	116	1.24	1.29
22	1.39	99	1.28	1.28
23	1.47	111	1.27	1.36
24	1.70	121	1.25	1.28
25	1.22	99	1.26	1.46
26	1.83	125	1.25	1.23
27	1.49	111	1.25	1.34
28	1.51	113	1.25	1.35
29	1.71	117	1.23	1.23
30	1.79	127	1.18	1.27
31	1.95	128	1.22	1.18
Avg	1.61	113	1.25	1.27
Min	1.22	96	1.18	1.18
Max	1.95	128	1.30	1.46
Total	49.89	3,510		

Systems that don't use the state lab need to report their distribution system certified lab results here.

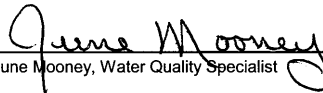
Date	Location in the distribution system	Result mg/L

Notes:
 Augusta Water District uses sodium fluoride. Because the wells have a continuous fluoride analyzer (Hach CA610), the average value recorded for the day is reported for compliance.

On 1/7/2009 the HETL had not submitted its results for the F- sample on 12/23/2008 so this report doesn't include that data.


Bacteriological Report Form
Utility: Greater Augusta Utility District, PWSID 90080
Greater Augusta Utility District Laboratory, ME012

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


 June Mooney, Water Quality Specialist

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

Samp. #	Location	Sam. Type	Collected by	Collection date & time	Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform	Method	Lauryl Tryptose				
										Present/Absent	MF/COLILERT	24 hr	48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WELLHOUSE	DIS	MOONEY	12-3-08/11:35	1.22	1.21	1.22	MOONEY	12-3-08/3:15	A	COLILERT					
2	WESTERN STA.	DIS	MOONEY	12-3-08/12:00	0.77	0.77	1.15	MOONEY	12-3-08/3:15	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	12-3-08/12:20	1.11	1.12	1.21	MOONEY	12-3-08/3:15	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	12-3-08/12:55	0.85	0.86	1.15	MOONEY	12-3-08/3:15	A	COLILERT					
5	12 WILLIAMS ST. OFFICE	DIS	MOONEY	12-3-08/1:25	1.03	1.03	1.16	MOONEY	12-3-08/3:15	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	12-4-08/10:55	0.78	0.78	1.26	MOONEY	12-4-08/1:30	A	COLILERT					
7	FARRINGTON SCHOOL	DIS	MOONEY	12-4-08/11:10	0.72	0.74	1.23	MOONEY	12-4-08/1:30	A	COLILERT					
8	1000 RIVERSIDE DR.	DIS	MOONEY	12-4-08/11:40	0.16	0.18	1.24	MOONEY	12-4-08/1:30	A	COLILERT					
9	WELLHOUSE	DIS	MOONEY	12-9-08/2:00	1.18	1.17	1.21	MOONEY	12-9-08/3:30	A	COLILERT					
10	MANCHESTER TOWN OFFICE	DIS	MOONEY	12-10-08/11:30	0.25	0.26	1.20	MOONEY	12-10-08/3:30	A	COLILERT					
11	QUALITY INN	DIS	MOONEY	12-10-08/11:50	0.38	0.39	1.19	MOONEY	12-10-08/3:30	A	COLILERT					
12	NORTHWEST STA.	DIS	MOONEY	12-10-08/12:35	0.97	0.97	1.34	MOONEY	12-10-08/3:30	A	COLILERT					
13	WESTERN STA.	DIS	MOONEY	12-10-08/12:55	0.99	0.98	1.26	MOONEY	12-10-08/3:30	A	COLILERT					
14	12 WILLIAMS ST. OFFICE	DIS	MOONEY	12-10-08/2:20	1.05	1.04	1.15	MOONEY	12-10-08/3:30	A	COLILERT					
15	HOSPITAL ST. STA.	DIS	MOONEY	12-10-08/2:35	0.78	0.79	1.21	MOONEY	12-10-08/3:30	A	COLILERT					
16	WESTERN STA.	DIS	MOONEY	12-18-08/10:35	0.66	0.69	1.39	MOONEY	12-18-08/1:00	A	COLILERT					
17	WELLHOUSE	DIS	MOONEY	12-18-08/10:55	1.16	1.16	1.22	MOONEY	12-18-08/1:00	A	COLILERT					
18	NORTHWEST STA.	DIS	MOONEY	12-18-08/11:20	1.01	1.01	1.40	MOONEY	12-18-08/1:00	A	COLILERT					
19	12 WILLIAMS ST. OFFICE	DIS	MOONEY	12-18-08/11:40	0.96	0.98	1.39	MOONEY	12-18-08/1:00	A	COLILERT					
20	HOSPITAL ST. STA.	DIS	MOONEY	12-18-08/12:10	0.68	0.69	1.21	MOONEY	12-18-08/1:00	A	COLILERT					
21	HOSPITAL ST. STA.	DIS	MOONEY	12-22-08/10:35	0.88	0.88	1.34	MOONEY	12-22-08/1:30	A	COLILERT					
22	12 WILLIAMS ST. OFFICE	DIS	MOONEY	12-22-08/11:00	0.91	0.92	1.43	MOONEY	12-22-08/1:30	A	COLILERT					
23	WESTERN STA.	DIS	MOONEY	12-22-08/11:40	0.66	0.68	1.30	MOONEY	12-22-08/1:30	A	COLILERT					
24	WELLHOUSE	DIS	MOONEY	12-23-08/2:00	1.18	1.17	1.33	MOONEY	12-23-08/3:15	A	COLILERT					
25	NORTHWEST STA.	DIS	MOONEY	12-23-08/2:25	0.94	0.96	1.50	MOONEY	12-23-08/3:15	A	COLILERT					
26	HOSPITAL ST. STA.	DIS	MOONEY	12-29-08/9:55	0.79	0.78	1.30	MOONEY	12-29-08/12:45	A	COLILERT					
27	12 WILLIAMS ST. OFFICE	DIS	MOONEY	12-29-08/10:25	0.92	0.93	1.37	MOONEY	12-29-08/12:45	A	COLILERT					
28	NORTHWEST STA.	DIS	MOONEY	12-29-08/10:55	1.04	1.03	1.30	MOONEY	12-29-08/12:45	A	COLILERT					
29	WELLHOUSE	DIS	MOONEY	12-29-08/11:20	1.10	1.09	1.20	MOONEY	12-29-08/12:45	A	COLILERT					
30	WESTERN STA.	DIS	MOONEY	12-29-08/11:50	0.89	0.89	1.28	MOONEY	12-29-08/12:45	A	COLILERT					
*	LAB DISTILLED WATER	SPT	MOONEY	12-29-08/2:15	0.02	0.00		MOONEY	12-29-08/3:00							COND.=1.29 us/cm 1:4ML

Monthly Well Production Report	
System Type - All GW systems	
System Name:	Greater Augusta Utility District
PWSID#:	90080
Designated operator name and ME License #:	Brian Tarbuck 2026
e-mail address:	btarbuck@augustawater.org
Reporting period (month and year):	December - 08
Signature: 	Date: 1/8/2009

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

Daily water production (MG)				
Date	Triangle Well	South Well	Brookside Well	Sum
1	0.40	1.03	0.28	1.71
2	0.57	0.78	0.38	1.73
3	0.41	1.05	0.09	1.55
4	0.48	1.02	0.33	1.82
5	0.58	0.53	0.53	1.65
6	0.42	0.46	0.77	1.66
7	0.47	0.48	0.52	1.47
8	0.52	0.25	0.80	1.57
9	0.56	0.12	0.80	1.48
10	0.57	0.56	0.58	1.72
11	0.47	0.44	0.76	1.67
12	0.38	0.48	0.76	1.62
13	0.50	0.60	0.54	1.64
14	0.46	0.33	0.58	1.37
15	0.30	0.37	0.73	1.40
16	0.76	0.31	0.76	1.82
17	0.45	0.45	0.75	1.66
18	0.60	0.31	0.65	1.56
19	0.61	0.30	0.77	1.68
20	0.53	0.14	0.79	1.46
21	0.43	0.42	0.76	1.61
22	0.40	0.17	0.81	1.39
23	0.59	0.08	0.80	1.47
24	0.91	0.00	0.79	1.70
25	0.38	0.00	0.83	1.22
26	0.66	0.42	0.76	1.83
27	0.53	0.16	0.79	1.49
28	0.68	0.02	0.81	1.51
29	0.57	0.37	0.77	1.71
30	0.71	0.33	0.75	1.79
31	0.62	0.60	0.72	1.95
Sum	16.54	12.58	20.77	49.89

Monthly Operating Report
System Type - All GW systems


System Name: **Greater Augusta Utility District**
Water Division

PWSID#: **90080**

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

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

Reporting period (month and year): **December - 08**

Signature:  Date: **1/9/2009**

System Information

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

Community System → **Select one**
Non-transient Non-community →
Transient Non-Community →

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

List any operation problems or comments:

Daily water production				
Date	Mgals pumped	Peak hourly flow	pH	Dis. log inactivation
1	1.71	n/a	7.64	n/a
2	1.73	n/a	7.66	n/a
3	1.55	n/a	7.65	n/a
4	1.82	n/a	7.65	n/a
5	1.65	n/a	7.64	n/a
6	1.66	n/a	7.63	n/a
7	1.47	n/a	7.66	n/a
8	1.57	n/a	7.61	n/a
9	1.48	n/a	7.60	n/a
10	1.72	n/a	7.63	n/a
11	1.67	n/a	7.60	n/a
12	1.62	n/a	7.60	n/a
13	1.64	n/a	7.63	n/a
14	1.37	n/a	7.63	n/a
15	1.40	n/a	7.61	n/a
16	1.82	n/a	7.61	n/a
17	1.66	n/a	7.60	n/a
18	1.56	n/a	7.61	n/a
19	1.68	n/a	7.59	n/a
20	1.46	n/a	7.59	n/a
21	1.61	n/a	7.59	n/a
22	1.39	n/a	7.58	n/a
23	1.47	n/a	7.58	n/a
24	1.70	n/a	7.58	n/a
25	1.22	n/a	7.57	n/a
26	1.83	n/a	7.58	n/a
27	1.49	n/a	7.57	n/a
28	1.51	n/a	7.57	n/a
29	1.71	n/a	7.58	n/a
30	1.79	n/a	7.58	n/a
31	1.95	n/a	7.58	n/a
Summary	49.89		7.61	

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

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

Chemical usage						Disinfectant Residual
1	2	3	4	5	6	
gal	gal	lbs				mg/L
1	16	100				1.22
1	18	0				1.03
1	19	150				1.13
2	16	0				1.16
1	19	50				1.17
2	17	0				1.24
1	17	0				1.07
2	17	100				1.20
2	17	0				1.20
-2	16	50				1.11
3	17	0				1.22
1	18	100				1.26
2	17	0				1.11
2	17	0				1.07
-1	14	100				1.17
-1	13	0				1.21
5	20	100				1.24
1	17	0				1.20
1	16	100				1.27
2	19	0				1.27
1	15	0				1.27
0	16	100				1.25
2	14	0				1.23
1	15	50				1.14
0	17	0				1.08
2	11	50				1.06
2	19	0				1.05
1	14	0				1.06
1	16	0				1.05
2	17	0				1.06
2	19	0				1.04
39	510	1,050				1.03

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

Chemicals Used
(report fluoride info on separate fluoride form)

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

Summary of Total Coliform Bacteria Rule - please continue to submit complete results			
Number of routine samples taken:	30	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	0.87

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: Dec Year: 2008

Public Water System Information	
System's name:	East Pittston H2O
Sampler's phone #:	623-4633
PWSID#:	92255
Address:	
Sample Category (1):	Back
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME 012
Lab mgr. name:	June 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	12/8/08 5:45pm	081209	12/9/08 8:15am	negative			9223B
2								
3								
4								

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

Sampler's Signature: Bill Wilkinson

Laboratory signature: June 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.