

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

BRIAN TARBUCK
General Manager

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January 8, 2010

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

Dear Mr. Whitney:

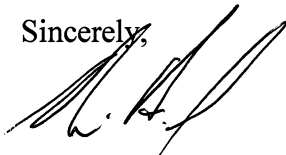
Please find attached the monthly reports for compliance with the Safe Drinking Water Act and Maine's Rules Relating to Drinking Water for the month of December, 2009. You should find the following documents:

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. Total Coliform Monitoring Report for the East Pittston Water District (PWSID: 92255)

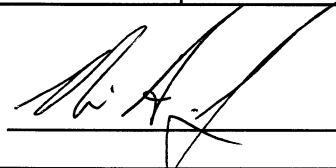
These reports are also available here: <http://www.augustawater.org/reports.html>

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

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report		System Information	
System Type - Fluoride Systems		Treatment plant/pump station:	Triangle Station
System Name:	Greater Augusta Utility District	Fluoride Chemical Used:	Sodium fluoride
PWSID#:	90080	Notes:	
Reporting period:	December, 2009	Date	GAUD Location HETL
Signature:  Date: 1/8/2010		12/15/2009 10:50	1.11 Triangle Station 1.2

Fluoride				
Date	Total production	Gallons of makeup water	Daily Average Residual	Theoretical Calculation
units:	Mgals	gallons	mg / L	mg / L
1	1.59	106	1.22	1.20
2	1.70	102	1.17	1.08
3	1.73	107	1.15	1.11
4	1.84	112	1.24	1.09
5	1.50	100	1.25	1.20
6	1.56	103	1.27	1.19
7	1.67	99	1.23	1.07
8	1.43	91	1.17	1.14
9	1.56	85	1.14	0.98
10	1.58	88	1.03	1.00
11	1.58	94	1.08	1.07
12	1.53	90	1.11	1.06
13	1.36	90	1.16	1.19
14	1.54	92	1.14	1.07
15	1.71	103	1.10	1.08
16	1.53	94	1.15	1.11
17	1.71	110	1.18	1.16
18	1.73	115	1.19	1.19
19	1.54	109	1.22	1.27
20	1.70	113	1.16	1.20
21	1.48	88	1.18	1.07
22	1.82	104	1.10	1.03
23	1.66	84	1.09	0.91
24	1.64	86	1.02	0.94
25	1.35	74	1.02	0.98
26	1.70	85	1.01	0.90
27	1.56	83	0.99	0.96
28	1.69	77	0.99	0.82
29	1.70	91	1.01	0.96
30	1.83	97	1.08	0.95
31	1.80	104	1.12	1.04
Avg	1.62	96	1.13	1.06
Min	1.35	74	0.99	0.82
Max	1.84	115	1.27	1.27
Total	50.34	2,970		

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.


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	31
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	12-1-09/11:25	0.72	0.72	1.12	MOONEY	12-2-09/7:15	A	COLILERT					
2	WELLHOUSE	DIS	MOONEY	12-1-09/11:40	1.23	1.23	1.33	MOONEY	12-2-09/7:15	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	12-1-09/12:00	1.06	1.07	1.12	MOONEY	12-2-09/7:15	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	12-1-09/12:20	0.90	0.90	1.35	MOONEY	12-2-09/7:15	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	12-1-09/12:35	1.09	1.11	1.27	MOONEY	12-2-09/7:15	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	12-1-09/1:00	0.74	0.77	1.14	MOONEY	12-2-09/7:15	A	COLILERT					
7	FARRINGTON SCHOOL	DIS	MOONEY	12-1-09/1:30	0.85	0.87	1.25	MOONEY	12-2-09/7:15	A	COLILERT					
8	WESTERN STA.	DIS	MOONEY	12-8-09/10:40	0.68	0.70	1.22	MOONEY	12-8-09/3:00	A	COLILERT					
9	WELLHOUSE	DIS	MOONEY	12-8-09/11:00	1.18	1.19	1.34	MOONEY	12-8-09/3:00	A	COLILERT					
10	NORTHWEST STA.	DIS	MOONEY	12-8-09/11:20	1.11	1.10	1.34	MOONEY	12-8-09/3:00	A	COLILERT					
11	12 WILLIAMS ST.	DIS	MOONEY	12-8-09/11:40	0.96	0.96	1.15	MOONEY	12-8-09/3:00	A	COLILERT					
12	HOSPITAL ST. STA.	DIS	MOONEY	12-8-09/12:05	0.86	0.87	1.23	MOONEY	12-8-09/3:00	A	COLILERT					
13	1000 RIVERSIDE DR.	DIS	MOONEY	12-8-09/12:35	0.27	0.28	1.27	MOONEY	12-8-09/3:00	A	COLILERT					
14	K.V. CREDIT UNION	DIS	MOONEY	12-8-09/1:00	0.69	0.71	1.38	MOONEY	12-8-09/3:00	A	COLILERT					
15	BEST INN	DIS	MOONEY	12-8-09/1:40	0.57	0.57	1.25	MOONEY	12-8-09/3:00	A	COLILERT					
16	WESTERN STA.	DIS	MOONEY	12-15-09/12:25	0.91	0.91	1.03	MOONEY	12-15-09/3:00	A	COLILERT					
17	WELLHOUSE	DIS	MOONEY	12-15-09/10:50	1.20	1.20	1.11	MOONEY	12-15-09/3:00	A	COLILERT					
18	NORTHWEST STA.	DIS	MOONEY	12-15-09/11:10	1.03	1.02	1.15	MOONEY	12-15-09/3:00	A	COLILERT					
19	12 WILLIAMS ST.	DIS	MOONEY	12-15-09/11:40	0.91	0.93	1.29	MOONEY	12-15-09/3:00	A	COLILERT					
20	HOSPITAL ST. STA.	DIS	MOONEY	12-15-09/1:10	0.89	0.92	1.23	MOONEY	12-15-09/3:00	A	COLILERT					
21	MANCHESTER TOWN OFFICE	DIS	MOONEY	12-15-09/1:45	0.17	0.21	1.18	MOONEY	12-15-09/3:00	A	COLILERT					
22	WESTERN STA.	DIS	MOONEY	12-22-09/10:25	0.66	0.67	1.24	MOONEY	12-22-09/2:00	A	COLILERT					
23	WELLHOUSE	DIS	MOONEY	12-22-09/10:45	1.22	1.21	1.21	MOONEY	12-22-09/2:00	A	COLILERT					
24	NORTHWEST STA.	DIS	MOONEY	12-22-09/11:20	1.01	1.03	1.18	MOONEY	12-22-09/2:00	A	COLILERT					
25	12 WILLIAMS ST.	DIS	MOONEY	12-22-09/11:50	1.01	1.02	1.32	MOONEY	12-22-09/2:00	A	COLILERT					
26	HOSPITAL ST. STA.	DIS	MOONEY	12-22-09/12:15	0.82	0.84	1.25	MOONEY	12-22-09/2:00	A	COLILERT					
27	WESTERN STA.	DIS	TANGEMAN	12-28-09/9:37	0.67	0.66	1.05	TANGEMAN	12-28-09/12:25	A	COLILERT					
28	WELLHOUSE	DIS	TANGEMAN	12-28-09/10:02	1.07	1.07	1.31	TANGEMAN	12-28-09/12:25	A	COLILERT					
29	NORTHWEST STA.	DIS	TANGEMAN	12-28-09/10:27	1.01	1.00	0.95	TANGEMAN	12-28-09/12:25	A	COLILERT					
30	12 WILLIAMS ST.	DIS	TANGEMAN	12-28-09/11:07	0.69	0.70	1.02	TANGEMAN	12-28-09/12:25	A	COLILERT					
31	HOSPITAL ST. STA.	DIS	TANGEMAN	12-28-09/11:42	0.73	0.74	1.01	TANGEMAN	12-28-09/12:25	A	COLILERT					
*	LAB DISTILLED WATER	SPT	MOONEY	12-16-09/8:20	0.01	0.01		MOONEY	12-16-09/10:00						COND.=1.5 us/cm	0:2ML

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	Select one	
Designated operator name and ME License #:	Brian Tarbuck 2026	Community System	<input type="checkbox"/>
e-mail address:	btarbuck@augustawater.org	Non-transient Non-community	<input type="checkbox"/>
Reporting period (month and year):	December - 09	Transient Non-Community	<input type="checkbox"/>
Signature: 	Date: 1/8/2010	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	0.07	1.06	0.46	1.59
2	0.00	1.06	0.64	1.70
3	0.00	1.05	0.67	1.72
4	0.39	1.05	0.40	1.84
5	0.06	1.06	0.38	1.50
6	0.20	1.06	0.30	1.56
7	0.30	1.06	0.32	1.68
8	0.96	0.45	0.03	1.44
9	0.92	0.41	0.23	1.56
10	0.92	0.65	0.02	1.59
11	0.92	0.66	0.00	1.58
12	0.78	0.55	0.21	1.54
13	0.92	0.40	0.04	1.36
14	0.80	0.46	0.28	1.54
15	0.52	0.42	0.78	1.72
16	0.65	0.07	0.80	1.52
17	0.60	0.33	0.78	1.71
18	0.62	0.36	0.75	1.73
19	0.64	0.10	0.80	1.54
20	0.56	0.39	0.76	1.71
21	0.17	0.50	0.81	1.48
22	0.37	1.03	0.42	1.82
23	0.19	1.05	0.42	1.66
24	0.06	1.06	0.52	1.64
25	0.00	1.07	0.28	1.35
26	0.36	1.04	0.30	1.70
27	0.08	1.07	0.41	1.56
28	0.51	0.84	0.33	1.68
29	0.88	0.70	0.12	1.70
30	0.87	0.61	0.36	1.84
31	0.88	0.68	0.24	1.80
Sum	15.20	22.30	12.86	50.36

Monthly Operating Report
System Type - All GW systems

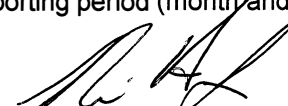
System Name: **Greater Augusta Utility District Water Division**

PWSID#: **90080**

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

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

Reporting period (month and year): **December - 09**

Signature:  Date: **1/8/2010**

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	1.59	n/a	7.82	n/a
2	1.70	n/a	7.81	n/a
3	1.73	n/a	7.81	n/a
4	1.84	n/a	7.83	n/a
5	1.50	n/a	7.82	n/a
6	1.56	n/a	7.83	n/a
7	1.67	n/a	7.82	n/a
8	1.43	n/a	7.83	n/a
9	1.56	n/a	7.82	n/a
10	1.58	n/a	7.81	n/a
11	1.58	n/a	7.80	n/a
12	1.53	n/a	7.83	n/a
13	1.36	n/a	7.79	n/a
14	1.54	n/a	7.81	n/a
15	1.71	n/a	7.82	n/a
16	1.53	n/a	7.78	n/a
17	1.71	n/a	7.79	n/a
18	1.73	n/a	7.79	n/a
19	1.54	n/a	7.78	n/a
20	1.70	n/a	7.79	n/a
21	1.48	n/a	7.79	n/a
22	1.82	n/a	7.81	n/a
23	1.66	n/a	7.81	n/a
24	1.64	n/a	7.82	n/a
25	1.35	n/a	7.83	n/a
26	1.70	n/a	7.84	n/a
27	1.56	n/a	7.82	n/a
28	1.69	n/a	7.85	n/a
29	1.70	n/a	7.79	n/a
30	1.83	n/a	7.79	n/a
31	1.80	n/a	7.78	n/a
Summary	50.34		7.81	
	(total)	(avg.)	(avg.)	(min.)

From table below:

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

Chemical usage						Disinfectant Residual
Calc gal	Hypo gal	NaF lbs	4	5	6	
1	17	0				1.27
2	17	50				1.28
1	17	0				1.29
1	18	100				1.24
3	19	0				1.16
1	15	0				1.16
2	15	100				1.17
2	16	0				1.19
2	15	100				1.19
1	16	0				1.19
2	15	0				1.20
2	16	0				1.10
1	15	0				1.20
1	12	100				1.17
1	16	0				1.18
1	17	100				1.19
2	16	0				1.18
1	18	0				1.18
2	17	0				1.18
1	15	0				1.15
1	17	100				1.17
1	15	0				1.15
2	19	150				1.14
1	17	0				1.15
-1	15	0				1.13
3	15	0				1.11
1	18	0				1.12
1	15	150				1.03
1	17	0				1.14
1	18	100				1.20
0	17	0				1.21
39	502	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:	31	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:

2009

Public Water System Information	
System's name:	East Pittston H ₂ O
Sampler's phone #:	623-4633
PWSID#:	92255
Address:	1200 East Pittston Road Pittston, Maine 04375
Sample Category (1):	Bact.
Sampler's name:	Bill Wilkinson

Laboratory Information	
Lab name:	Greater Augusta Utility District
Lab certification:	ME0012
Lab mgr. name:	June 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	12/14/09 18:10	091217	12/15/09 7:15am	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.

Rev:
12/98