

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

BRIAN TARBUCK
General Manager

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May 7, 2008

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 May, 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; and
4. Triangle Station Monthly Operating Report.

If you have any questions, please contact me at 622-8880 x117, or via email at btar buck@augustawater.org.

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Information

System Name: **Greater Augusta Utility District**

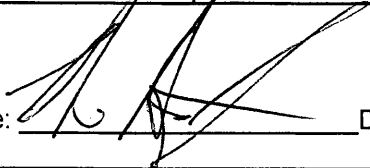
Treatment plant/pump station: **Triangle Station**

PWSID#: **90080**

Fluoride Chemical Used: **Sodium fluoride**

Reporting period: **May, 2008**

Notes:

Signature:  Date: **6/5/2008**

Date	AWD	Location	HETL
5/13/2008 11:00	1.20	Triangle Well	1.10

Fluoride

Date	Total production	Gallons of makeup water	Daily Average Residual	Theoretical Calculation
units:	Mgals	gallons	mg / L	mg / L
1	1.62	120	1.09	1.34
2	1.11	109	0.96	1.77
3	2.37	148	1.04	1.12
4	1.69	149	1.07	1.59
5	1.94	128	1.20	1.19
6	1.65	129	1.26	1.40
7	2.11	146	1.18	1.25
8	1.59	147	1.12	1.67
9	1.93	129	1.08	1.20
10	1.73	130	1.19	1.35
11	1.54	125	1.15	1.46
12	1.99	134	1.06	1.21
13	1.81	136	1.10	1.35
14	2.05	139	1.09	1.22
15	1.58	141	1.05	1.61
16	2.06	139	1.10	1.22
17	1.50	141	0.97	1.69
18	1.68	117	1.11	1.25
19	1.91	125	1.09	1.18
20	2.20	148	1.09	1.21
21	1.94	150	1.12	1.39
22	1.84	133	1.14	1.30
23	1.77	126	1.15	1.28
24	1.46	119	1.16	1.46
25	1.94	133	1.15	1.24
26	1.87	135	1.13	1.30
27	1.53	130	1.13	1.53
28	2.17	148	1.14	1.23
29	2.10	150	1.14	1.29
30	1.98	143	1.20	1.30
31	1.54	132	1.11	1.41
Avg	1.81	135	1.12	1.36
Min	1.11	109	0.96	1.12
Max	2.37	150	1.26	1.77
Total	56.19	4,184		

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:
 The wells are monitored with a continuous fluoride analyzer (Hach CA610).

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
 June Mooney, Water Quality Specialist

Number of samples required 15
 Number of samples taken for compliance 18
 Number of quality control samples 1
 Number of positive samples 0

Samp. #	Location	Sam. Type	Collected by	Collection date & time		Free Cl ₂	Total Cl ₂	Fluoride (mg/l)	Set up by:	Date & time	Coliform Present/Absent	Method	Lauryl Tryptose				
													MF/COLLERT	24 hr 48 hr	bril. green	EC 44.5c	HPC 48 hrs
1	WELLHOUSE	DIS	MOONEY	5-6-08/11:40	5-7-08/8:30	1.15	1.13	1.50	MOONEY	5-7-08/8:30	A	COLILERT					
2	WESTERN STA.	DIS	MOONEY	5-6-08/12:05	5-7-08/8:30	0.88	0.87	1.12	MOONEY	5-7-08/8:30	A	COLILERT					
3	NORTHWEST STA.	DIS	MOONEY	5-6-08/12:30	5-7-08/8:30	1.19	1.17	1.32	MOONEY	5-7-08/8:30	A	COLILERT					
4	WILLOW ST. STA.	DIS	MOONEY	5-6-08/1:30	5-7-08/8:30	1.09	1.09	1.22	MOONEY	5-7-08/8:30	A	COLILERT					
5	12 WILLIAMS ST.	DIS	MOONEY	5-6-08/1:55	5-7-08/8:30	1.14	1.13	1.29	MOONEY	5-7-08/8:30	A	COLILERT					
6	HOSPITAL ST. STA.	DIS	MOONEY	5-6-08/2:20	5-7-08/8:30	1.14	1.10	1.27	MOONEY	5-7-08/8:30	A	COLILERT					
7	WELLHOUSE	DIS	MOONEY	5-13-08/11:00	5-13-08/2:45	1.27	1.25	1.20	MOONEY	5-13-08/2:45	A	COLILERT					
8	WESTERN STA.	DIS	MOONEY	5-13-08/11:20	5-13-08/2:45	0.79	0.80	1.06	MOONEY	5-13-08/2:45	A	COLILERT					
9	NORTHWEST STA.	DIS	MOONEY	5-13-08/11:40	5-13-08/2:45	1.18	1.18	1.16	MOONEY	5-13-08/2:45	A	COLILERT					
10	12 WILLIAMS ST.	DIS	MOONEY	5-13-08/12:00	5-13-08/2:45	1.19	1.17	1.17	MOONEY	5-13-08/2:45	A	COLILERT					
11	HOSPITAL ST. STA.	DIS	MOONEY	5-13-08/12:20	5-13-08/2:45	1.04	1.04	1.20	MOONEY	5-13-08/2:45	A	COLILERT					
12	QUALITY INN (BEST INN)	DIS	MOONEY	5-13-08:1:00	5-13-08/2:45	0.73	0.74	1.10	MOONEY	5-13-08/2:45	A	COLILERT					
13	MANCHESTER TOWN OFFICE	DIS	MOONEY	5-13-08/1:20	5-13-08/2:45	0.39	0.40	1.12	MOONEY	5-13-08/2:45	A	COLILERT					
14	WELLHOUSE	DIS	MOONEY	5-20-08/10:15	5-21-08/9:00	1.22	1.20	1.30	MOONEY	5-21-08/9:00	A	COLILERT					
15	12 WILLIAMS ST.	DIS	MOONEY	5-20-08/10:50	5-21-08/9:00	1.09	1.09	1.13	MOONEY	5-21-08/9:00	A	COLILERT					
16	WESTERN STA.	DIS	MOONEY	5-20-08/11:15	5-21-08/9:00	0.84	0.85	1.09	MOONEY	5-21-08/9:00	A	COLILERT					
17	NORTHWEST STA.	DIS	MOONEY	5-21-08/3:00	5-21-08/4:15	1.10	1.10	1.15	MOONEY	5-21-08/4:15	A	COLILERT					
18	HOSPITAL ST. STA.	DIS	MOONEY	5-21-08/3:20	5-21-08/4:15	1.03	1.02	1.18	MOONEY	5-21-08/4:15	A	COLILERT					
*	LAB DISTILLED WATER	SPT	MOONEY	5-21-08/9:20	5-21-08/10:15	0.00	0.00		MOONEY	5-21-08/10:15					COND.=1.22	umhos	0.2ML

Monthly Well Production Report
System Type - All GW systems

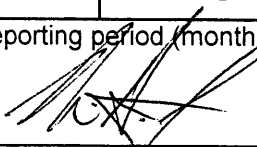
System Name: **Augusta Water District**

PWSID#: **90080**

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

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

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

Signature:  Date: **6/5/2008**

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.	0.48	0.35	0.79	1.62
2	0.33	0.38	0.39	1.11
3	0.83	0.89	0.65	2.37
4	0.46	0.44	0.79	1.69
5	0.57	0.63	0.74	1.94
6	0.50	0.51	0.64	1.65
7	0.65	0.69	0.77	2.11
8	0.56	0.19	0.83	1.59
9	0.59	0.54	0.80	1.93
10	0.51	0.39	0.82	1.73
11	0.36	0.35	0.82	1.54
12	0.56	0.64	0.79	1.99
13	0.64	0.38	0.80	1.81
14	0.71	0.56	0.78	2.05
15	0.72	0.00	0.86	1.58
16	0.91	0.35	0.79	2.06
17	0.57	0.08	0.85	1.50
18	0.64	0.21	0.83	1.68
19	0.72	0.38	0.80	1.91
20	0.89	0.54	0.77	2.20
21	0.58	0.59	0.77	1.94
22	0.52	0.51	0.80	1.84
23	0.60	0.36	0.81	1.77
24	0.39	0.24	0.84	1.46
25	0.65	0.50	0.79	1.94
26	0.51	0.57	0.78	1.87
27	0.48	0.23	0.83	1.53
28	0.84	0.56	0.77	2.17
29	0.68	0.67	0.75	2.10
30	0.57	0.63	0.77	1.98
31	0.36	0.36	0.82	1.54
Sum	18.40	13.73	24.06	56.19

Monthly Operating Report
System Type - All GW systems

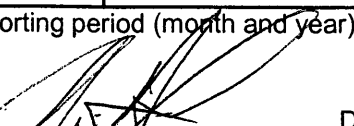
System Name: **Augusta Water District**

PWSID#: **90080**

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

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

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

Signature:  Date: **6/5/2008**

System Information

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

Community System →

Non-transient Non-community →

Transient Non-Community →

Select one

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	1.62	n/a	7.52	n/a
2	1.11	n/a	7.57	n/a
3	2.37	n/a	7.54	n/a
4	1.69	n/a	7.54	n/a
5	1.94	n/a	7.54	n/a
6	1.65	n/a	7.54	n/a
7	2.11	n/a	7.53	n/a
8	1.59	n/a	7.51	n/a
9	1.93	n/a	7.52	n/a
10	1.73	n/a	7.52	n/a
11	1.54	n/a	7.52	n/a
12	1.99	n/a	7.53	n/a
13	1.81	n/a	7.51	n/a
14	2.05	n/a	7.51	n/a
15	1.58	n/a	7.48	n/a
16	2.06	n/a	7.49	n/a
17	1.50	n/a	7.49	n/a
18	1.68	n/a	7.49	n/a
19	1.91	n/a	7.50	n/a
20	2.20	n/a	7.50	n/a
21	1.94	n/a	7.51	n/a
22	1.84	n/a	7.51	n/a
23	1.77	n/a	7.50	n/a
24	1.46	n/a	7.49	n/a
25	1.94	n/a	7.50	n/a
26	1.87	n/a	7.51	n/a
27	1.53	n/a	7.49	n/a
28	2.17	n/a	7.50	n/a
29	2.10	n/a	7.50	n/a
30	1.98	n/a	7.50	n/a
31	1.54	n/a	7.49	n/a
Summary	56.19		7.51	
	(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
2.1	20.7	0				1.25
-1.3	16.9	0				1.17
3.5	12.6	0				1.13
2.1	25.8	0				1.19
-2.1	17.7	150				1.17
4.8	22.0	0				1.13
-1.1	17.5	0				1.12
4.8	21.2	0				1.14
-2.7	17.7	0				1.21
5.4	22.8	0				1.31
1.6	19.6	0				1.31
-4.0	16.9	0				1.29
1.3	15.6	0				1.30
2.4	21.0	0				1.31
2.4	24.4	150				1.34
1.6	17.7	50				1.21
1.9	24.2	0				1.18
1.6	16.1	0				1.18
1.1	18.8	0				1.16
2.4	21.8	0				1.14
1.3	24.4	0				1.16
1.9	20.7	100				1.11
1.6	21.0	100				1.06
1.9	19.9	0				1.05
0.8	15.8	0				0.99
1.9	21.0	0				0.98
1.6	21.0	150				0.99
-0.8	16.4	0				0.96
2.1	22.0	0				0.98
1.3	22.8	100				1.02
2.1	22.8	0				1.08
43.79	619	800				0.96
(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 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:	18	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.03