

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

BRIAN TARBUCK
General Manager

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August 6, 2007

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

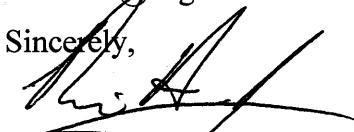
Dear Mr. Whitney:

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 July, 2007. 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 btaruck@augustawater.org.

Sincerely,



Brian Tarbuck, PE

Monthly Fluoride Report
System Type - Fluoride Systems

System Name: **Augusta Water District**

PWSID#: **90080**

Reporting period: **July, 2007**

Signature:  Date: **8/6/2007**

System Information

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

Notes:

Date	AWD	Location	HETL
7/9/2007 13:40	1.07	Triangle Station	1.00

Fluoride

Date	Total production	Gallons of makeup water	Daily Average Residual	Theoretical Calculation
units:	Mgals	gallons	mg / L	mg / L
1	1.99	115	0.00	1.04
2	2.19	130	0.13	1.07
3	2.14	122	0.66	1.03
4	1.83	112	1.06	1.10
5	2.11	126	1.02	1.08
6	2.00	112	1.13	1.01
7	1.80	106	1.06	1.06
8	1.73	107	1.08	1.11
9	2.02	120	1.07	1.07
10	1.72	97	1.11	1.01
11	2.06	110	1.06	0.96
12	2.12	107	1.03	0.91
13	2.11	111	1.06	0.95
14	1.83	108	1.04	1.06
15	1.84	110	1.02	1.08
16	1.95	118	1.01	1.09
17	2.12	122	1.02	1.03
18	2.09	118	1.02	1.02
19	2.18	125	1.03	1.03
20	2.00	101	1.11	0.91
21	1.99	107	1.06	0.97
22	1.78	94	1.08	0.95
23	1.93	105	1.12	0.98
24	2.17	121	1.13	1.00
25	2.18	128	1.08	1.06
26	2.19	123	1.21	1.01
27	2.51	144	1.10	1.04
28	2.15	125	1.06	1.05
29	1.86	114	1.08	1.11
30	2.17	119	1.05	0.99
31	2.30	129	1.07	1.01
Avg	2.03	116	0.99	1.03
Min	1.72	94	0.00	0.91
Max	2.51	144	1.21	1.11
Total	63.07	3,591		

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:
 CA610 continuous fluoride analyzer was out for repair and reinstalled on July 3.

Bacteriological Report Form
Utility: Augusta Water District, PWSID: 90080
Laboratory: Augusta Water District, Lab # 1015075

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.

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

June Mooney
 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		EC 44.5c	HPC 48 hrs
										Present/Absent	Lauryl Tryplose	MF/COLILERT	24 hr 48 hr brli. green		
1	WELLHOUSE	DIS	MOONEY	7-5-07/11:25	1.29	1.28	1.15	MOONEY	7-5-07/2:00	A	COLILERT				
2	NORTHWEST STA.	DIS	MOONEY	7-5-07/11:00	1.24	1.23	1.09	MOONEY	7-5-07/2:00	A	COLILERT				
3	WILLOW ST. STA.	DIS	MOONEY	7-5-07/12:10	1.01	1.02	1.63	MOONEY	7-5-07/2:00	A	COLILERT				
4	OFFICE	DIS	MOONEY	7-5-07/12:30	1.08	1.13	1.15	MOONEY	7-5-07/2:00	A	COLILERT				
5	HOSPITAL ST. STA.	DIS	MOONEY	7-5-07/12:50	0.78	0.80	1.09	MOONEY	7-5-07/2:00	A	COLILERT				
6	WESTERN STA.	DIS	MOONEY	7-5-07/2:30	1.00	1.02	1.12	MOONEY	7-5-07/3:30	A	COLILERT				
7	WELLHOUSE	DIS	MOONEY	7-9-07/1:40	1.30	1.28	1.07	MOONEY	7-9-07/3:30	A	COLILERT				
8	NORTHWEST STA.	DIS	MOONEY	7-9-07/2:00	1.13	1.13	1.14	MOONEY	7-9-07/3:30	A	COLILERT				
9	OFFICE	DIS	MOONEY	7-9-07/2:25	1.18	1.20	1.15	MOONEY	7-9-07/3:30	A	COLILERT				
10	HOSPITAL ST. STA.	DIS	MOONEY	7-9-07/2:45	1.00	1.00	1.12	MOONEY	7-9-07/3:30	A	COLILERT				
11	WESTERN STA.	DIS	MOONEY	7-10-07/11:45	1.02	1.04	1.09	MOONEY	7-10-07/1:30	A	COLILERT				
12	BEST INN	DIS	MOONEY	7-10-07/12:00	0.06	0.06	1.11	MOONEY	7-10-07/1:30	A	COLILERT				
13	MANCHESTER TOWN OFFICE	DIS	MOONEY	7-12-07/11:00	0.40	0.41	1.18	MOONEY	7-12-07/1:40	A	COLILERT				
14	WELLHOUSE	DIS	MOONEY	7-18-07/12:20	1.33	1.33	1.26	MOONEY	7-18-07/3:30	A	COLILERT				
15	WESTERN STA.	DIS	MOONEY	7-18-07/12:40	0.89	0.87	1.11	MOONEY	7-18-07/3:30	A	COLILERT				
16	NORTHWEST STA.	DIS	MOONEY	7-18-07/1:00	1.23	1.21	1.09	MOONEY	7-18-07/3:30	A	COLILERT				
17	OFFICE	DIS	MOONEY	7-18-07/1:20	1.21	1.25	1.14	MOONEY	7-18-07/3:30	A	COLILERT				
18	HOSPITAL ST. STA.	DIS	MOONEY	7-18-07/1:40	0.96	0.97	1.09	MOONEY	7-18-07/3:30	A	COLILERT				
19	TOGUS STA.	DIS	MOONEY	7-18-07/2:05	0.70	0.71	1.13	MOONEY	7-18-07/3:30	A	COLILERT				
20	WESTERN STA.	DIS	MOONEY	7-23-07/11:40	0.89	0.90	1.08	MOONEY	7-23-07/2:15	A	COLILERT				
21	WELLHOUSE	DIS	MOONEY	7-23-07/12:00	1.53	1.52	1.11	MOONEY	7-23-07/2:15	A	COLILERT				
22	NORTHWEST STA.	DIS	MOONEY	7-23-07/12:25	1.34	1.35	1.10	MOONEY	7-23-07/2:15	A	COLILERT				
23	OFFICE	DIS	MOONEY	7-23-07/1:00	1.36	1.34	1.15	MOONEY	7-23-07/2:15	A	COLILERT				
24	HOSPITAL ST. STA.	DIS	MOONEY	7-24-07/2:20	1.09	1.08	1.06	MOONEY	7-24-07/3:15	A	COLILERT				
25	WELLHOUSE	DIS	MOONEY	7-31-07/10:35	1.47	1.46	1.08	MOONEY	7-31-07/2:45	A	COLILERT				
26	NORTHWEST STA.	DIS	MOONEY	7-31-07/12:00	1.38	1.38	1.12	MOONEY	7-31-07/2:45	A	COLILERT				
27	OFFICE	DIS	MOONEY	7-31-07/12:30	1.28	1.27	1.00	MOONEY	7-31-07/2:45	A	COLILERT				
28	HOSPITAL ST. STA.	DIS	MOONEY	7-31-07/12:45	1.25	1.25	1.01	MOONEY	7-31-07/2:45	A	COLILERT				
29	WESTERN STA.	DIS	MOONEY	7-31-07/1:20	1.24	1.24	1.04	MOONEY	7-31-07/2:45	A	COLILERT				
	N. HYDRANT, CONY VILLAGE	O&M	HAMLIN	7-2-07/9:42	0.50		1.12	TANGERMA	7-3-07/10:15	A	COLILERT				
	S. HYDRANT, CONY VILLAGE	O&M	HAMLIN	7-2-07/9:15	0.80		1.12	TANGERMA	7-3-07/10:15	A	COLILERT				
	N. HYDRANT, PET SMART	O&M	HAMLIN	7-17-07/9:23	0.65		1.14	TANGERMA	7-17-07/9:50	A	COLILERT				
	S. HYDRANT, PET SMART	O&M	HAMLIN	7-17-07/8:36	0.70		1.11	TANGERMA	7-17-07/9:50	A	COLILERT				
	CIVIC CTR. DR., LOT 17	O&M	MILLS	7-31-07/2:00	0.50		1.00	MOONEY	7-31-07/2:45	A	COLILERT				
*	DISTILLED WATER POUR PLA	SPT	MOONEY	7-25-07/8:15	0.01	0.01		MOONEY	7-25-07/8:45					COND. =1.04	UMHOS 0:2ML

Monthly Well Production Report
System Type - All GW systems

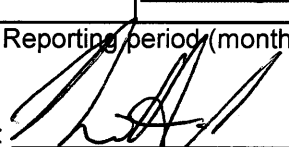
System Name: **Augusta Water District**

PWSID#: **90080**

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

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

Reporting period (month and year): **July - 07**

Signature:  Date: **8/2/2007**

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	0.64	1.05	0.30	1.99
2	0.71	1.04	0.44	2.19
3	0.85	0.75	0.53	2.14
4	0.87	0.82	0.14	1.83
5	0.87	1.05	0.19	2.11
6	0.86	0.75	0.38	2.00
7	0.88	0.65	0.28	1.80
8	0.90	0.78	0.06	1.73
9	0.86	0.70	0.46	2.02
10	0.88	0.50	0.34	1.72
11	0.85	0.71	0.50	2.06
12	0.85	0.75	0.53	2.12
13	0.84	0.76	0.51	2.11
14	0.86	0.58	0.39	1.83
15	0.87	0.65	0.32	1.84
16	0.86	0.64	0.45	1.95
17	0.84	0.78	0.51	2.12
18	0.84	0.82	0.43	2.09
19	0.82	0.81	0.55	2.18
20	0.85	0.69	0.45	2.00
21	0.84	0.79	0.37	1.99
22	0.87	0.53	0.37	1.78
23	0.86	0.71	0.35	1.93
24	0.82	0.89	0.46	2.17
25	0.83	0.79	0.56	2.18
26	0.83	0.87	0.49	2.19
27	0.79	0.99	0.72	2.51
28	0.81	0.80	0.54	2.15
29	0.87	0.61	0.38	1.86
30	0.82	0.80	0.55	2.17
31	0.82	0.87	0.62	2.30
Sum	25.97	23.95	13.16	63.07

Monthly Operating Report

System Type - All GW systems

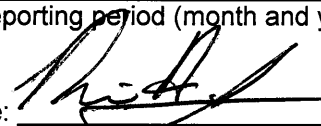
System Name: **Augusta Water District**

PWSID#: **90080**

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

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

Reporting period (month and year): **July - 07**

Signature:  Date: **8/6/2007**

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	1.99	n/a	7.71	n/a
2	2.19	n/a	7.70	n/a
3	2.14	n/a	7.68	n/a
4	1.83	n/a	7.70	n/a
5	2.11	n/a	7.71	n/a
6	2.00	n/a	7.70	n/a
7	1.80	n/a	7.69	n/a
8	1.73	n/a	7.70	n/a
9	2.02	n/a	7.69	n/a
10	1.72	n/a	7.68	n/a
11	2.06	n/a	7.69	n/a
12	2.12	n/a	7.69	n/a
13	2.11	n/a	7.70	n/a
14	1.83	n/a	7.69	n/a
15	1.84	n/a	7.70	n/a
16	1.95	n/a	7.69	n/a
17	2.12	n/a	7.70	n/a
18	2.09	n/a	7.70	n/a
19	2.18	n/a	7.70	n/a
20	2.00	n/a	7.70	n/a
21	1.99	n/a	7.70	n/a
22	1.78	n/a	7.70	n/a
23	1.93	n/a	7.70	n/a
24	2.17	n/a	7.70	n/a
25	2.18	n/a	7.70	n/a
26	2.19	n/a	7.70	n/a
27	2.51	n/a	7.70	n/a
28	2.15	n/a	7.70	n/a
29	1.86	n/a	7.70	n/a
30	2.17	n/a	7.70	n/a
31	2.30	n/a	7.70	n/a
Summary	63.07		7.70	
	(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	22	0				1.08
2	21	0				1.08
10	25	150				1.23
2	22	0				1.35
0	19	0				1.45
2	24	0				1.54
2	21	0				1.57
2	19	0				1.58
2	19	0				1.62
1	22	100				1.44
1	19	0				1.36
2	24	0				1.38
2	23	100				1.39
2	22	0				1.36
2	21	0				1.43
2	21	0				1.45
2	9	100				1.44
2	10	0				1.48
1	19	0				1.53
2	25	150				1.53
2	23	0				1.52
2	24	0				1.55
2	20	0				1.59
2	23	100				1.60
2	27	0				1.57
2	27	150				1.58
3	27	0				1.57
2	31	0				1.44
2	26	0				1.33
2	24	0				1.28
2	26	0				1.26
63.40	688	850				1.08
(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:	29	Number of repeat samples taken:	0
Number of positive samples:		Average chlorine residual at sites:	1.09