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## AUGUSTA WATER & SANITARY DISTRICTS

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General Manager

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**TRUSTEES:**

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June 6, 2006

Denise Douin  
State of Maine Drinking Water Program  
11 State House Station  
Augusta, ME 04333-0011

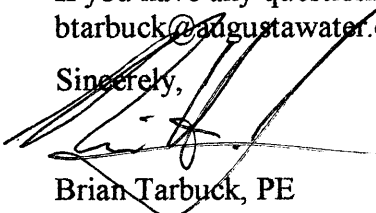
Dear Ms. Douin:

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, 2006. You should find the following documents:

1. Fluoridation Report;
2. Total Coliform Monitoring Report for Dawn Carpenter;
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 [btarbuck@augustawater.org](mailto:btarbuck@augustawater.org).

Sincerely,



Brian Tarbuck, PE

cc: Dale Glidden



**Monthly Fluoride Report**  
**System Type - Fluoride Systems**

System Name: **Augusta Water District**

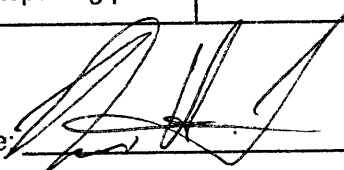
PWSID#: **90080**

**System Information**

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

Fluoride Chemical Used: **Sodium fluoride**

Reporting period: **May, 2006**

Signature:  Date: **6/6/2006**

Notes:

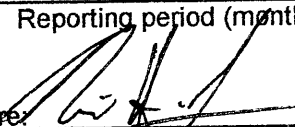
Date	AWD	Location	HETL
5/9/2006 11:25	1.72	Triangle Station	1.81
5/9/2006 11:50	1.17	Western Station	1.27
5/9/2006 10:55	1.23	Northwest Station	1.32
5/9/2006 10:00	1.21	Hospital Street Station	1.24

Fluoride				
Date	Total production	Gallons of makeup water	Daily Average Residual	Theoretical Calculation
units:	Mgals	gallons	mg / L	mg / L
1	1.91	101	1.19	0.95
2	1.89	120	1.21	1.14
3	1.90	113	1.21	1.07
4	1.81	112	1.13	1.11
5	2.18	129	1.21	1.06
6	1.86	99	1.12	0.96
7	1.87	94	1.14	0.91
8	1.98	141	1.15	1.28
9	1.82	95	1.21	0.94
10	1.62	103	1.13	1.15
11	1.67	122	1.15	1.32
12	1.88	108	1.20	1.03
13	1.43	79	1.14	0.99
14	1.64	89	1.11	0.98
15	1.77	91	1.14	0.93
16	1.98	129	1.14	1.17
17	1.91	117	1.09	1.10
18	2.00	116	1.13	1.04
19	1.46	88	1.19	1.08
20	1.75	112	1.18	1.15
21	1.79	86	1.17	0.86
22	1.90	131	1.16	1.24
23	1.86	92	1.20	0.89
24	1.76	116	1.13	1.18
25	1.73	145	1.09	1.51
26	1.97	81	1.17	0.74
27	1.77	114	1.11	1.16
28	1.80	93	1.10	0.93
29	1.81	115	1.14	1.14
30	1.95	108	1.21	1.00
31	2.00	107	1.14	1.41
<b>Avg</b>	<b>1.83</b>	<b>108</b>	<b>1.15</b>	<b>1.08</b>
<b>Min</b>	<b>1.43</b>	<b>79</b>	<b>1.09</b>	<b>0.74</b>
<b>Max</b>	<b>2.18</b>	<b>145</b>	<b>1.21</b>	<b>1.51</b>
<b>Total</b>	<b>56.68</b>	<b>3,346</b>		

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).  
 The average daily fluoride residual is recorded for reporting purposes.

<b>Monthly Well Production Report</b>		<b>System Information</b>	
<b>System Type - All GW systems</b>		Treatment plant/pump station: <b>All wells</b>	
System Name:	<b>Augusta Water District</b>	Select one	
PWSID#:	<b>90080</b>	Community System	<input checked="" type="checkbox"/>
Designated operator name and ME License #:	<b>Brian Tarbuck</b> <b>2026</b>	Non-transient Non-community	<input type="checkbox"/>
e-mail address:	<b>btarbuck@augustawater.org</b>	Transient Non-Community	<input type="checkbox"/>
Reporting period (month and year):	<b>May - 06</b>	List any new or changed system information (facilities, treatments, sources, operators, address, tele, etc.):	
Signature: 	Date: <b>6/6/2006</b>	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	0.00	1.04	0.87	1.91
2	0.00	1.04	0.86	1.89
3	0.00	1.04	0.86	1.90
4	0.00	1.05	0.76	1.81
5	0.42	1.00	0.76	2.18
6	0.61	0.45	0.79	1.86
7	0.55	0.45	0.87	1.87
8	0.58	1.05	0.35	1.98
9	0.48	1.05	0.29	1.82
10	0.20	1.08	0.35	1.62
11	0.38	1.07	0.23	1.67
12	0.52	1.05	0.32	1.88
13	0.34	1.09	0.00	1.43
14	0.54	0.85	0.26	1.64
15	0.43	1.07	0.27	1.77
16	0.58	0.83	0.57	1.98
17	0.55	0.47	0.89	1.91
18	0.62	0.52	0.86	2.00
19	0.28	0.23	0.96	1.46
20	0.46	0.39	0.90	1.75
21	0.51	0.45	0.83	1.79
22	0.54	0.46	0.90	1.90
23	0.51	0.44	0.91	1.86
24	0.71	0.11	0.94	1.76
25	0.44	0.39	0.90	1.73
26	0.59	0.49	0.88	1.97
27	0.66	0.20	0.91	1.77
28	0.62	0.29	0.89	1.80
29	0.49	0.42	0.91	1.81
30	1.27	0.40	0.29	1.95
31	1.26	0.43	0.31	2.00
Sum	<b>15.13</b>	<b>20.87</b>	<b>20.68</b>	<b>56.68</b>

**Monthly Operating Report**  
**System Type - All GW systems**

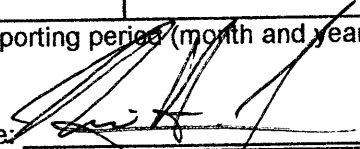
System Name: **Augusta Water District**

PWSID#: **90080**

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

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

Reporting period (month and year): **May - 06**

Signature:  Date: **6/6/2006**

**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 operation problems or comments:

**Daily water production**

Date	Mgals pumped	Peak hourly flow	pH	Dis. log inactivation
1	1.91	n/a	7.77	n/a
2	1.89	n/a	7.77	n/a
3	1.90	n/a	7.75	n/a
4	1.81	n/a	7.75	n/a
5	2.18	n/a	7.75	n/a
6	1.86	n/a	7.75	n/a
7	1.87	n/a	7.75	n/a
8	1.98	n/a	7.80	n/a
9	1.82	n/a	7.81	n/a
10	1.62	n/a	7.81	n/a
11	1.67	n/a	7.80	n/a
12	1.88	n/a	7.80	n/a
13	1.43	n/a	7.80	n/a
14	1.64	n/a	7.82	n/a
15	1.77	n/a	7.80	n/a
16	1.98	n/a	7.78	n/a
17	1.91	n/a	7.75	n/a
18	2.00	n/a	7.74	n/a
19	1.46	n/a	7.75	n/a
20	1.75	n/a	7.75	n/a
21	1.79	n/a	7.77	n/a
22	1.90	n/a	7.75	n/a
23	1.86	n/a	7.76	n/a
24	1.76	n/a	7.76	n/a
25	1.73	n/a	7.77	n/a
26	1.97	n/a	7.76	n/a
27	1.77	n/a	7.74	n/a
28	1.80	n/a	7.75	n/a
29	1.81	n/a	7.76	n/a
30	1.95	n/a	7.73	n/a
31	2.00	n/a	7.73	n/a
Summary	<b>56.68</b>		<b>7.77</b>	
	(total)	(avg.)	(avg.)	(min.)

**Chemical usage**

From table below:

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

1	2	3	4	5	6	Disinfectant Residual
gal	gal	lbs				mg/L
1.9	16.9	0				1.09
2.4	17.7	100				1.06
2.1	16.4	0				1.15
1.9	17.5	0				1.24
1.6	17.2	150				1.12
1.6	19.3	0				1.12
2.4	16.1	0				1.18
1.6	17.2	0				1.12
1.9	17.7	150				1.09
1.6	15.8	0				1.08
1.3	13.7	0				1.07
1.3	14.5	150				1.06
1.3	16.4	0				1.05
1.3	13.2	0				1.04
1.6	13.7	0				1.02
1.6	15.0	100				1.06
1.6	17.7	0				1.09
2.4	18.0	0				1.08
1.6	15.6	150				1.08
1.3	5.1	0				1.11
1.6	19.9	0				1.18
1.6	17.7	0				1.35
1.6	18.3	100				1.41
1.6	19.1	0				1.48
1.6	19.6	0				1.54
1.6	15.8	150				1.58
1.6	21.2	0				1.45
1.1	18.8	0				1.32
1.3	17.7	0				1.30
1.1	19.1	150				1.03
2.7	17.5	0				1.24
<b>52.11</b>	<b>520</b>	<b>1,200</b>				<b>1.02</b>
(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:	30	Number of repeat samples taken:	0
Number of positive samples:	0	Average chlorine residual at sites:	1.06