

1 Name of PWS: Lincoln Water System		2 Point of Ap: East Treatment Plant		3 Operator: Eric C. Lee		
4 Fluor. Chem. Used: H2SiF6		5 Purity - 24%		6 Avail Fluor. Ion - 79%		7 Month/Year: December 2023
8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	0.000	0.00		0.4		
2	na	0.000	0.00		0.4		
3	na	0.000	0.00		0.4		
4	na	0.000	0.00		0.4		
5	na	5.413	113.63	0.48	0.4	0.88	
6	na	24.490	513.20	0.48	0.4	0.88	
7	na	28.214	593.00	0.48	0.4	0.88	
8	na	30.494	639.80	0.48	0.4	0.88	
9	na	28.669	601.90	0.48	0.4	0.88	
10	na	27.858	584.80	0.48	0.4	0.88	
11	na	28.992	608.10	0.48	0.4	0.88	
12	na	29.775	625.10	0.48	0.4	0.88	
13	na	32.777	688.80	0.48	0.4	0.88	
14	na	29.699	622.80	0.48	0.4	0.88	
15	na	28.583	597.50	0.48	0.4	0.88	
16	na	28.707	602.30	0.48	0.4	0.88	
17	na	29.302	614.60	0.48	0.4	0.88	
18	na	31.562	662.80	0.48	0.4	0.88	
19	na	29.749	623.80	0.48	0.4	0.88	
20	na	29.868	626.60	0.48	0.4	0.88	
21	na	26.129	533.40	0.46	0.4	0.86	
22	na	31.297	656.90	0.48	0.4	0.88	
23	na	29.007	609.00	0.48	0.4	0.88	
24	na	25.222	528.60	0.48	0.4	0.88	
25	na	24.795	520.10	0.48	0.4	0.88	
26	na	24.304	509.90	0.48	0.4	0.88	
27	na	25.649	538.80	0.48	0.4	0.88	
28	na	25.530	534.50	0.48	0.4	0.88	
29	na	26.907	565.30	0.48	0.4	0.88	
30	na	27.090	568.30	0.48	0.4	0.88	
31	na	25.294	530.10	0.48	0.4	0.88	
Totals					Average	0.4	0.88

East Plant started up late afternoon of 12/5/23 E. Lee

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 LINCOLN, NE 68509 - 5007

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JAN - 3 2023

NE Dept of Environment and Energy
 By: _____ DEE#7276



1 Name of PWS: Lincoln Water System		2 Point of Ap: West Treatment Plant		3 Operator: Eric C. Lee		
4 Fluor. Chem. Used: H2SiF6		5 Purity - 24%		6 Avail Fluor. Ion - 79%		
				7 Month/Year: December 2023		
8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	27.060	567.06	0.48	0.4	0.88
2	na	25.725	540.69	0.48	0.4	0.88
3	na	28.373	595.30	0.48	0.4	0.88
4	na	27.056	568.04	0.48	0.4	0.88
5	na	24.993	524.66	0.48	0.4	0.88
6	na	5.795	121.55	0.48	0.4	0.88
7	na	0.000	0.00		0.4	
8	na	0.000	0.00		0.4	
9	na	0.000	0.00		0.4	
10	na	0.000	0.00		0.4	
11	na	0.000	0.00		0.4	
12	na	0.000	0.00		0.4	
13	na	0.000	0.00		0.4	
14	na	0.000	0.00		0.4	
15	na	0.000	0.00		0.4	
16	na	0.000	0.00		0.4	
17	na	0.000	0.00		0.4	
18	na	0.000	0.00		0.4	
19	na	0.000	0.00		0.4	
20	na	0.000	0.00		0.4	
21	na	0.000	0.00		0.4	
22	na	0.000	0.00		0.4	
23	na	0.000	0.00		0.4	
24	na	0.000	0.00		0.4	
25	na	0.000	0.00		0.4	
26	na	0.000	0.00		0.4	
27	na	0.000	0.00		0.4	
28	na	0.000	0.00		0.4	
29	na	0.000	0.00		0.4	
30	na	0.000	0.00		0.4	
31	na	0.000	0.00		0.4	
Totals				Average	0.4	0.88

West Plant shut down midday
on 12/6/23 for repair project E. Lee

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JAN - 3 2023

NE Dept of Environment and Energy
By: _____ DEE#7276

Hoemann, Lori

From: Kahle, Andy
Sent: Wednesday, January 24, 2024 9:22 AM
To: ECMupload, NDEE
Subject: FW: LWS monthly fluoride reports
Attachments: December 2023 fluorideE.pdf; December 2023 fluoride.pdf

DWP
Monthly Fluoride Report
City of Lincoln - NE3110926

Andy Kahle | *Supervisor, DW Field Services Section*

DIVISION OF DRINKING WATER & GROUNDWATER

Nebraska Department of Environment & Energy

OFFICE: 402-471-0521 | CELL: 402-432-4692 | FAX: 402-471-2909

DEE.ne.gov | [Facebook](#) | [Twitter](#) | [LinkedIn](#)

From: Eric C. Lee <elee@lincoln.ne.gov>
Sent: Wednesday, January 3, 2024 3:15 PM
To: Kahle, Andy <Andy.Kahle@nebraska.gov>
Subject: LWS monthly fluoride reports

You don't often get email from elee@lincoln.ne.gov. [Learn why this is important](#)

Hello Andy,

Attached are the December monthly Fluoride compliance reports for the City of Lincoln. Note the West Plant was shutdown on 12/6/23 for a repair project and the East Plant was brought on line on 12/5/23 after completion of winter maintenance items. If you have any questions feel free to contact me. Also you will note two separate files attached, in an effort to reduce paper processing on my end. Thank you, Eric.

Eric Lee

Facilities Operations Coordinator Lincoln Water System

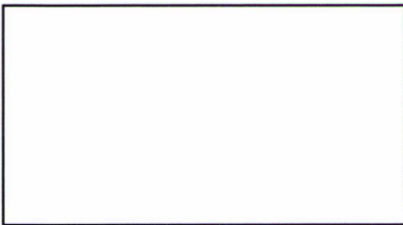
O: 402-441-1629 M: 402-430-7077

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1 Name of PWS: Lincoln Water System 2 Point of Ap: East Treatment Plant 3 Operator: *E. Lee*
 4 Fluor. Chem. Used: H2SiF6 5 Purity - 24% 6 Avail Fluor. Ion - 79% 7 Month/Year November 2023

8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	0.000			0.4	
2	na	0.000			0.4	
3	na	0.000			0.4	
4	na	0.000			0.4	
5	na	0.000			0.4	
6	na	0.000			0.4	
7	na	0.000			0.4	
8	na	0.000			0.4	
9	na	0.000			0.4	
10	na	0.000			0.4	
11	na	0.000			0.4	
12	na	0.000			0.4	
13	na	0.000			0.4	
14	na	0.000			0.4	
15	na	0.000			0.4	
16	na	0.000			0.4	
17	na	0.000			0.4	
18	na	0.000			0.4	
19	na	0.000			0.4	
20	na	0.000			0.4	
21	na	0.000			0.4	
22	na	0.000			0.4	
23	na	0.000			0.4	
24	na	0.000			0.4	
25	na	0.000			0.4	
26	na	0.000			0.4	
27	na	0.000			0.4	
28	na	0.000			0.4	
29	na	0.000			0.4	
30	na	0.000			0.4	
Totals					Average	0.4

East Plant off-line all of December
 E. Lee

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 LINCOLN, NE 68509 - 5007

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NE Dept of Environment and Energy
 By: _____ DEE#7276



1 Name of PWS: Lincoln Water System 2 Point of Ap: West Treatment Plant 3 Operator: *[Signature]*
 4 Fluor. Chem. Used: H2SiF6 5 Purity - 24% 6 Avail Fluor. Ion - 79% 7 Month/Year November 2023

8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	24.716	528.13	0.49	0.4	0.89	
2	na	28.422	607.98	0.49	0.4	0.89	
3	na	30.239	646.97	0.49	0.4	0.89	
4	na	30.029	642.16	0.49	0.4	0.89	
5	na	27.325	584.78	0.49	0.4	0.89	
6	na	30.795	658.05	0.49	0.4	0.89	
7	na	31.985	683.99	0.49	0.4	0.89	
8	na	32.474	694.65	0.49	0.4	0.89	
9	na	30.410	650.53	0.49	0.4	0.89	
10	na	30.720	657.10	0.49	0.4	0.89	
11	na	29.534	631.62	0.49	0.4	0.89	
12	na	27.958	597.78	0.49	0.4	0.89	
13	na	33.037	706.37	0.49	0.4	0.89	
14	na	34.187	731.12	0.49	0.4	0.89	
15	na	31.377	676.29	0.49	0.4	0.89	
16	na	31.850	686.56	0.49	0.4	0.89	
17	na	31.219	674.59	0.49	0.4	0.89	
18	na	28.153	609.81	0.49	0.4	0.89	
19	na	26.544	576.34	0.49	0.4	0.89	
20	na	29.910	644.67	0.49	0.4	0.89	
21	na	28.863	617.62	0.49	0.4	0.89	
22	na	29.327	627.61	0.49	0.4	0.89	
23	na	28.507	610.09	0.49	0.4	0.89	
24	na	23.491	502.67	0.49	0.4	0.89	
25	na	25.718	555.33	0.49	0.4	0.89	
26	na	24.576	536.17	0.50	0.4	0.90	
27	na	28.991	632.66	0.50	0.4	0.90	
28	na	30.813	671.86	0.50	0.4	0.90	
29	na	29.056	633.85	0.50	0.4	0.90	
30	na	28.600	623.87	0.50	0.4	0.90	
Totals					Average	0.4	0.89

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 LINCOLN, NE 68509 - 5007

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DEC - 1 2023

NE Dept of Environment and Energy

NE Dept of Environment and Energy

Hoemann, Lori

From: Kahle, Andy
Sent: Wednesday, January 24, 2024 9:21 AM
To: ECMupload, NDEE
Subject: FW: Emailing: LWS FI Nov 2023.pdf
Attachments: LWS FI Nov 2023.pdf

DWP
Monthly Fluoride Report
City of Lincoln - NE3110926

Andy Kahle | Supervisor, DW Field Services Section DIVISION OF DRINKING WATER & GROUNDWATER Nebraska Department of Environment & Energy
OFFICE: 402-471-0521 | CELL: 402-432-4692 | FAX: 402-471-2909 DEE.ne.gov | Facebook | Twitter | LinkedIn

-----Original Message-----

From: Eric C. Lee <elee@lincoln.ne.gov>
Sent: Friday, December 1, 2023 2:07 PM
To: Kahle, Andy <Andy.Kahle@nebraska.gov>
Subject: Emailing: LWS FI Nov 2023.pdf

Hello Andy,

Attached are the November monthly fluoride compliance reports for the City of Lincoln. LWS did stop fluoride feed for about 1-1/2 hours on 11/30/23 due to an electrical breaker replacement. The replacement went well and fluoride additions were resumed right after completion of the project. If you have any questions, feel free to contact me. Thank you, Eric.

Your message is ready to be sent with the following file or link attachments:

LWS FI Nov 2023.pdf

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1 Name of PWS: Lincoln Water System 2 Point of Ap: East Treatment Plant 3 Operator: *[Signature]*
 4 Fluor. Chem. Used: H2SIF6 5 Purity - 24% 6 Avail Fluor. Ion - 79% 7 Month/Year October 2023

8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	26.340	551.60	0.48	0.4	0.88	
2	na	26.340	553.80	0.48	0.4	0.88	
3	na	21.712	454.70	0.48	0.4	0.88	
4	na	21.043	441.30	0.48	0.4	0.88	
5	na	21.735	455.90	0.48	0.4	0.88	
6	na	21.534	451.60	0.48	0.4	0.88	
7	na	20.844	437.20	0.48	0.4	0.88	
8	na	22.878	479.80	0.48	0.4	0.88	
9	na	21.903	459.40	0.48	0.4	0.88	
10	na	20.972	439.60	0.48	0.4	0.88	
11	na	21.067	441.80	0.48	0.4	0.88	
12	na	20.778	435.80	0.48	0.4	0.88	
13	na	18.225	382.30	0.48	0.4	0.88	
14	na	16.139	338.30	0.48	0.4	0.88	
15	na	15.787	330.90	0.48	0.4	0.88	
16	na	16.141	338.30	0.48	0.4	0.88	
17	na	16.753	351.10	0.48	0.4	0.88	
18	na	21.914	459.10	0.48	0.4	0.88	
19	na	25.330	531.40	0.48	0.4	0.88	
20	na	25.348	532.80	0.48	0.4	0.88	
21	na	20.115	421.50	0.48	0.4	0.88	
22	na	17.322	363.10	0.48	0.4	0.88	
23	na	20.020	419.30	0.48	0.4	0.88	
24	na	22.427	470.90	0.48	0.4	0.88	
25	na	19.346	405.80	0.48	0.4	0.88	
26	na	16.311	342.10	0.48	0.4	0.88	
27	na	16.099	337.40	0.48	0.4	0.88	
28	na	16.095	337.40	0.48	0.4	0.88	
29	na	16.207	339.80	0.48	0.4	0.88	
30	na	16.005	335.40	0.48	0.4	0.88	
31	na	8.642	188.45	0.50	0.4	0.90	
Totals					Average	0.4	0.88

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 LINCOLN, NE 68509 - 5007

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NOV - 2 2023

NE Dept of Environment and Energy
 By: _____ DEE#7276



1 Name of PWS: Lincoln Water System 2 Point of Ap: West Treatment Plant 3 Operator: *[Signature]*
 4 Fluor. Chem. Used: H2SiF6 5 Purity - 24% 6 Avail Fluor. Ion - 79% 7 Month/Year October 2023

8	9	10	11	**12	13	14
Date	Meter Reading	Millions Gallons Treated	Pounds of Chemical Added	mg/L Added = lbs x % purity x % Fluor. Ion / 8.34 / MG	Average Natural Fluoride	Calculated Fluoride Values mg/L

1	na	35.631	772.60	0.49	0.4	0.89	
2	na	37.721	818.10	0.49	0.4	0.89	
3	na	27.040	583.30	0.49	0.4	0.89	
4	na	24.573	525.10	0.49	0.4	0.89	
5	na	22.129	473.50	0.49	0.4	0.89	
6	na	23.960	512.30	0.49	0.4	0.89	
7	na	20.818	445.40	0.49	0.4	0.89	
8	na	19.871	424.90	0.49	0.4	0.89	
9	na	24.283	519.40	0.49	0.4	0.89	
10	na	21.147	451.80	0.49	0.4	0.89	
11	na	21.208	453.10	0.49	0.4	0.89	
12	na	21.132	451.80	0.49	0.4	0.89	
13	na	18.147	388.40	0.49	0.4	0.89	
14	na	15.271	326.40	0.49	0.4	0.89	
15	na	16.738	357.30	0.49	0.4	0.89	
16	na	16.920	361.80	0.49	0.4	0.89	
17	na	18.028	385.40	0.49	0.4	0.89	
18	na	18.860	402.80	0.49	0.4	0.89	
19	na	20.185	431.80	0.49	0.4	0.89	
20	na	19.357	413.80	0.49	0.4	0.89	
21	na	19.101	408.40	0.49	0.4	0.89	
22	na	21.185	452.90	0.49	0.4	0.89	
23	na	21.300	455.40	0.49	0.4	0.89	
24	na	21.243	454.40	0.49	0.4	0.89	
25	na	19.656	420.80	0.49	0.4	0.89	
26	na	15.670	334.90	0.49	0.4	0.89	
27	na	16.055	343.00	0.49	0.4	0.89	
28	na	13.543	289.50	0.49	0.4	0.89	
29	na	12.084	257.00	0.48	0.4	0.88	
30	na	12.112	258.60	0.49	0.4	0.89	
31	na	18.806	410.08	0.50	0.4	0.90	
Totals					Average	0.4	0.89

RETURN TO: HHS - REGULATION AND LICENSURE
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 LINCOLN, NE 68509 - 5007

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NOV - 2 2023

NE Dept of Environment and Energy
 By: _____ DEE#7276

Hoemann, Lori

From: Kahle, Andy
Sent: Wednesday, January 24, 2024 11:06 AM
To: ECMupload, NDEE
Subject: FW: Emailing: LWS FI Oct 2023.pdf
Attachments: LWS FI Oct 2023.pdf

DWP
Monthly Fluoride Report
City of Lincoln - NE3110926

Andy Kahle | Supervisor, DW Field Services Section DIVISION OF DRINKING WATER & GROUNDWATER Nebraska Department of Environment & Energy
OFFICE: 402-471-0521 | CELL: 402-432-4692 | FAX: 402-471-2909 DEE.ne.gov | Facebook | Twitter | LinkedIn

-----Original Message-----

From: Eric C. Lee <elee@lincoln.ne.gov>
Sent: Thursday, November 2, 2023 1:34 PM
To: Kahle, Andy <Andy.Kahle@nebraska.gov>
Subject: Emailing: LWS FI Oct 2023.pdf

Hello Andy,
Attached are the October monthly fluoride compliance reports for the City of Lincoln. If you have any questions, feel free to reach out. Thank you, Eric.

Your message is ready to be sent with the following file or link attachments:

LWS FI Oct 2023.pdf

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