OHA - Drinking Water Program - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: Linn
Month/Year: 5/2023

System Name: Lebanon, City of | ID#: 41-00473 | Membrane

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day [1] [NTU]
1	OFF	OFF	0.014	0.014	0.014	OFF	0.042
2	OFF	OFF	0.014	0.014	0.016	0.014	0.026
3	0.016	0.016	0.015	0.015	0.016	OFF	0.016
4	OFF	OFF	OFF	OFF	OFF	OFF	0.000
5	OFF	0.018	0.014	0.015	0.015	0.015	0.018
6	0.016	0.016	0.016	0.015	0.016	0.016	0.016
7	OFF	OFF	OFF	OFF	OFF	OFF	0.000
8	OFF	OFF	0.015	0.014	0.014	0.014	0.019
9	0.016	0.019	OFF	0.016	0.014	0.014	0.024
10	0.016	0.016	0.013	0.015	0.014	0.016	0.027
11	OFF	OFF	OFF	OFF	OFF	OFF	0.000
12	OFF	OFF	0.016	0.016	0.016	0.014	0.044
13	0.016	0.016	0.018	0.018	0.018	0.017	0.018
14	OFF	OFF	OFF	0.018	0.017	OFF	0.031
15	OFF	OFF	0.011	0.017	0.019	OFF	0.034
16	OFF	OFF	OFF	0.016	0.019	0.021	0.040
17	0.021	0.023	0.023	0.023	0.023	OFF	0.023
18	OFF	OFF	0.023	0.023	0.014	OFF	0.023
19	OFF	OFF	0.014	0.014	0.014	0.013	0.033
20	0.014	0.015	0.014	0.014	0.014	0.014	0.017
21	0.014	0.015	0.014	0.014	0.014	OFF	0.017
22	OFF	OFF	OFF	0.014	0.015	OFF	0.014
23	OFF	OFF	OFF	0.015	0.015	0.014	0.035
24	0.015	0.014	0.015	0.015	0.014	0.014	0.042
25	0.016	0.016	0.016	OFF	OFF	OFF	0.017
26	OFF	OFF	OFF	OFF	0.014	0.014	0.042
27	0.014	0.015	0.015	0.015	0.014	0.014	0.017
28	0.014	0.014	0.014	0.014	0.014	OFF	0.017
29	OFF	OFF	OFF	0.014	0.014	0.013	0.033
30	0.014	0.015	0.014	0.014	OFF	OFF	0.016
31	OFF	OFF	OFF	0.014	0.014	0.014	0.034

Slow Sand/Membrane/DE Filtration/Unfiltered

95% of daily turbidity readings ≤ 1 NTU? [2] (Yes) / No

All daily turbidity readings ≤ 5 NTU? (Yes) / No

Monthly Summary (Answer Yes or No)

CT's met everyday? (Yes) / No

All Cl2 residual at entry point ≥ 0.2 mg/l? (Yes) / No

Notes: OFF = PLANT OFF

PRINTED NAME: Chris Germond

SIGNATURE: Chris Germond **DATE:** 6/7/23

PHONE #: 541-258-4274 **CERT #:** T-08682

[1] Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM correspond to continuous readings' maximum. [2] Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP:	WTP-B
Disinfection *Giardia* Log Inactive:	0.5

System Name: Lebanon, CITY OF ID#: 41-00473 Month/Year: 5/2023

Date / Time	Minimum Cl_2 Residual at 1st User (C) [3]	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? [3]	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
5/1/2023 13:45	1.0	71	75	14	8.1	22	Yes	3279
5/2/2023 7:56	1.2	65	77	12	8.0	24	Yes	3369
5/3/2023 13:30	1.1	62	69	12	7.8	23	Yes	3109
5/4/2023 0:00								
5/5/2023 18:53	1.0	68	65	13	7.9	22	Yes	3340
5/6/2023 20:54	1.0	68	71	12	7.8	23	Yes	3164
5/7/2023 0:00								
5/8/2023 7:58	0.9	65	60	13	8.1	24	Yes	3360
5/9/2023 11:23	1.0	65	64	12	7.7	22	Yes	3339
5/10/2023 17:01	1.1	63	67	13	7.8	21	Yes	3201
5/11/2023 0:00								
5/12/2023 6:27	0.9	65	59	14	7.9	21	Yes	3265
5/13/2023 0:58	1.0	59	57	15	7.8	19	Yes	3227
5/14/2023 11:34	1.0	75	77	16	8.0	18	Yes	2567
5/15/2023 7:23	1.0	69	70	17	8.0	18	Yes	3335
5/16/2023 9:06	1.0	63	61	16	8.0	18	Yes	3314
5/17/2023 15:38	1.1	52	56	17	7.8	16	Yes	3918
5/18/2023 6:27	0.8	57	47	16	7.8	17	Yes	3832
5/19/2023 5:42	0.8	51	43	16	7.6	16	Yes	4763
5/20/2023 18:59	0.9	58	54	18	7.7	14	Yes	3314
5/21/2023 9:58	1.1	79	84	17	7.7	15	Yes	2853
5/22/2023 9:19	0.9	60	55	15	7.6	17	Yes	3424
5/23/2023 8:48	0.9	67	59	15	7.8	18	Yes	3390
5/24/2023 21:09	1.1	58	62	15	7.7	17	Yes	3295
5/25/2023 0:54	1.1	77	82	16	7.7	17	Yes	3222
5/26/2023 14:40	0.8	67	56	15	7.7	17	Yes	3348
5/27/2023 21:58	1.1	59	65	16	7.6	16	Yes	3385
5/28/2023 6:30	1.0	67	65	16	7.7	16	Yes	3187
5/29/2023 11:43	0.9	70	60	16	7.8	16	Yes	3312
5/30/2023 15:24	1.1	63	70	17	7.6	16	Yes	3279
5/31/2023 10:08	0.9	66	57	15	7.7	17	Yes	3353

[3] If Cl2 at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012

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Notes:

5/22/2023 Train 1 NTU analyzer read 0.151 due to the operators testing the train shutdown alarm at 0.150. Turbidity was not high. Turbidity was simulated by changing the mA scaling on the trains sc200. Train 1 high turbidity of the day was 0.014.

Start Date 5/1/2023 End Date 6/1/2023

Lebanon WTP MIT / LRV Test Results Report UF 1

Min LRV: 4.0

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Temp F	Pass / Fail	MIT Type
5 / 1	7 : 24	5.30	21.15	21.18	171.70	171.16	0.65	66.60	Pass	Feed
5 / 2	7 : 19	5.30	21.07	21.11	51.25	1005.10	7.41	55.03	Pass	Feed
5 / 3	1 : 38	5.30	21.20	21.25	53.91	889.02	6.80	52.94	Pass	Feed
5 / 5	5 : 30	5.30	21.26	21.29	72.00	566.13	3.81	56.25	Pass	Feed
5 / 6	1 : 34	5.30	21.48	21.52	61.55	765.19	5.27	60.41	Pass	Feed
5 / 8	9 : 51	5.30	21.23	21.28	57.30	848.46	6.04	52.68	Pass	Feed
5 / 9	8 : 54	5.30	21.11	21.13	48.69	991.67	8.26	53.85	Pass	Feed
5 / 10	1 : 42	5.30	21.36	21.40	53.31	880.53	7.04	54.08	Pass	Feed
5 / 12	6 : 43	5.30	21.06	21.05	163.13	205.28	0.72	63.02	Pass	Feed
5 / 13	1 : 54	5.30	21.02	21.03	61.44	919.05	5.15	53.40	Pass	Feed
5 / 14	12 : 33	5.30	21.23	21.28	80.84	593.77	2.98	61.66	Pass	Feed
5 / 15	7 : 35	5.30	21.12	21.13	151.09	198.34	0.84	67.54	Pass	Feed
5 / 16	9 : 16	5.30	21.18	21.18	170.63	136.91	0.66	64.50	Pass	Feed
5 / 17	1 : 46	5.30	21.00	21.00	52.79	929.73	6.82	64.79	Pass	Feed
5 / 18	7 : 32	5.30	21.00	20.99	47.20	1066.82	8.61	60.13	Pass	Feed
5 / 19	7 : 21	5.30	20.97	20.96	50.87	971.21	7.44	56.60	Pass	Feed
5 / 20	1 : 55	5.30	21.08	21.06	52.30	931.04	7.04	61.24	Pass	Feed
5 / 21	1 : 47	5.30	21.11	21.10	66.59	657.98	4.37	59.28	Pass	Feed
5 / 22	9 : 29	5.30	21.05	21.05	145.25	123.85	0.92	56.40	Pass	Feed
5 / 22	15 : 45	5.30	21.32	21.32	51.17	1023.49	7.60	54.54	Pass	Feed
5 / 23	8 : 16	5.30	21.08	21.08	55.22	990.98	6.38	55.53	Pass	Feed
5 / 24	1 : 31	5.30	21.05	21.06	55.43	921.08	6.31	56.67	Pass	Feed
5 / 25	1 : 32	5.30	21.06	21.07	77.18	557.51	3.26	55.72	Pass	Feed
5 / 26	7 : 15	5.30	20.99	20.97	78.10	538.60	3.14	59.37	Pass	Feed
5 / 27	1 : 32	5.30	21.12	21.12	66.65	785.88	4.39	57.09	Pass	Feed
5 / 28	1 : 24	5.30	21.01	21.01	73.53	572.23	3.56	57.82	Pass	Feed
5 / 29	11 : 35	5.30	21.10	21.11	167.72	109.70	0.69	61.52	Pass	Feed
5 / 30	1 : 51	5.30	21.13	21.13	63.04	680.10	3.73	57.61	Pass	Feed
5 / 31	7 : 40	5.30	21.07	21.07	73.13	667.33	3.62	58.09	Pass	Feed

Start Date 5/1/2023 End Date 6/1/2023

Lebanon WTP MIT / LRV Test Results Report UF 2

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: Temp F	4.0 Pass / Fail	MIT Type
5 / 1	7 : 47	5.30	21.10	21.12	63.25	804.58	4.87	56.54	Pass	Feed
5 / 2	6 : 24	5.30	21.09	21.10	120.39	245.72	1.32	63.50	Pass	Feed
5 / 3	2 : 38	5.30	21.07	21.12	59.16	820.00	5.58	54.08	Pass	Feed
5 / 4	7 : 22	5.30	21.08	21.08	54.59	929.99	6.51	57.25	Pass	Feed
5 / 5	3 : 50	5.30	21.19	21.20	111.04	299.46	1.56	65.75	Pass	Feed
5 / 6	2 : 38	5.30	21.03	21.07	57.87	786.75	5.73	60.90	Pass	Feed
5 / 8	7 : 53	5.30	21.08	21.10	126.30	265.39	1.20	66.77	Pass	Feed
5 / 9	8 : 26	5.30	21.16	21.17	55.93	907.02	6.29	53.85	Pass	Feed
5 / 10	2 : 26	5.30	21.01	21.05	58.31	803.66	5.72	53.40	Pass	Feed
5 / 12	8 : 45	5.30	21.06	21.07	58.00	780.42	5.84	50.40	Pass	Feed
5 / 13	2 : 19	5.30	20.99	21.00	60.89	751.83	5.24	53.30	Pass	Feed
5 / 14	12 : 2	5.30	21.06	21.11	70.67	610.55	3.84	61.89	Pass	Feed
5 / 15	8 : 39	5.30	21.03	21.06	55.33	897.73	6.29	58.81	Pass	Feed
5 / 16	8 : 52	5.30	20.92	20.92	105.62	272.98	1.69	64.50	Pass	Feed
5 / 17	2 : 48	5.30	21.08	21.08	48.36	835.42	8.17	65.66	Pass	Feed
5 / 18	6 : 44	5.30	20.91	20.89	161.26	185.76	0.72	65.04	Pass	Feed
5 / 19	6 : 16	5.30	20.94	20.92	147.66	181.48	0.87	62.07	Pass	Feed
5 / 20	2 : 50	5.30	20.98	20.96	63.17	806.48	4.79	60.94	Pass	Feed
5 / 21	2 : 19	5.30	20.97	20.95	65.85	724.95	4.42	59.11	Pass	Feed
5 / 22	7 : 21	5.30	20.97	20.95	68.65	707.78	4.09	55.81	Pass	Feed
5 / 23	7 : 45	5.30	21.07	21.05	60.73	904.05	5.27	55.48	Pass	Feed
5 / 24	2 : 44	5.30	21.15	21.14	62.64	859.30	4.99	55.80	Pass	Feed
5 / 25	2 : 28	5.30	21.00	20.98	79.06	577.00	3.09	55.30	Pass	Feed
5 / 26	8 : 57	5.30	21.02	21.00	83.91	537.18	2.73	59.37	Pass	Feed
5 / 27	2 : 52	5.30	21.09	21.07	70.68	761.93	3.90	56.09	Pass	Feed
5 / 28	3 : 0	5.30	20.95	20.94	87.44	505.29	2.51	56.97	Pass	Feed
5 / 29	12 : 2	5.30	21.05	21.05	65.32	923.41	4.52	59.46	Pass	Feed
5 / 30	2 : 37	5.30	20.93	20.90	63.30	906.31	4.79	56.68	Pass	Feed
5 / 31	7 : 9	5.30	21.05	21.03	69.34	702.57	4.02	58.33	Pass	Feed

Start Date 5/1/2023 End Date 6/1/2023

Lebanon WTP MIT / LRV Test Results Report UF 3

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: Temp F	4.0 Pass / Fail	MIT Type
5 / 1	9 : 43	5.30	21.11	21.15	67.75	846.05	4.28	52.38	Pass	Feed
5 / 2	6 : 46	5.30	21.16	21.19	157.98	187.69	0.77	63.50	Pass	Feed
5 / 3	3 : 37	5.30	21.04	21.09	65.75	820.87	4.49	55.44	Pass	Feed
5 / 5	4 : 16	5.30	21.13	21.17	74.91	614.13	3.47	57.50	Pass	Feed
5 / 6	3 : 47	5.30	21.07	21.11	64.52	790.34	4.63	59.86	Pass	Feed
5 / 8	9 : 1	5.30	21.34	21.38	62.91	859.38	5.06	52.62	Pass	Feed
5 / 9	7 : 30	5.30	21.16	21.16	60.16	902.61	5.44	53.98	Pass	Feed
5 / 10	3 : 49	5.30	21.34	21.38	62.78	832.79	5.08	52.50	Pass	Feed
5 / 12	7 : 53	5.30	21.11	21.12	60.98	898.08	5.30	50.42	Pass	Feed
5 / 13	3 : 36	5.30	20.91	20.92	62.96	832.43	4.87	52.78	Pass	Feed
5 / 14	11 : 33	5.30	21.23	21.26	135.91	201.65	1.05	65.46	Pass	Feed
5 / 15	9 : 30	5.30	21.10	21.12	60.46	908.43	5.32	57.27	Pass	Feed
5 / 16	10 : 49	5.30	21.11	21.12	54.40	908.60	6.57	57.49	Pass	Feed
5 / 17	3 : 46	5.30	21.09	21.08	52.20	865.66	7.03	64.43	Pass	Feed
5 / 18	6 : 22	5.30	21.04	21.03	49.32	954.72	7.83	65.44	Pass	Feed
5 / 19	6 : 41	5.30	21.05	21.05	47.72	1000.48	8.48	58.85	Pass	Feed
5 / 20	3 : 17	5.30	21.00	20.99	54.71	816.89	6.40	60.42	Pass	Feed
5 / 21	4 : 8	5.30	21.00	21.00	61.92	655.33	5.02	58.33	Pass	Feed
5 / 22	8 : 43	5.30	21.06	21.05	61.72	696.59	5.10	55.77	Pass	Feed
5 / 23	7 : 20	5.30	21.13	21.12	55.09	880.82	6.45	55.44	Pass	Feed
5 / 24	3 : 29	5.30	21.15	21.15	56.33	846.58	6.17	55.40	Pass	Feed
5 / 25	3 : 24	5.30	21.05	21.04	87.31	563.41	2.55	54.68	Pass	Feed
5 / 26	7 : 47	5.30	21.02	21.01	87.36	553.88	2.52	59.37	Pass	Feed
5 / 27	3 : 38	5.30	20.97	20.96	70.41	845.94	3.89	55.48	Pass	Feed
5 / 28	4 : 25	5.30	21.18	21.17	89.09	518.63	2.47	55.66	Pass	Feed
5 / 29	12 : 26	5.30	21.06	21.06	67.02	944.04	4.31	57.47	Pass	Feed
5 / 30	3 : 19	5.30	21.12	21.11	72.18	840.47	3.74	56.30	Pass	Feed
5 / 31	6 : 44	5.30	21.15	21.14	73.02	757.05	3.66	58.26	Pass	Feed

Start Date 5/1/2023 End Date 6/1/2023

Lebanon WTP MIT / LRV Test Results Report UF 4

Min LRV: 4.0

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Temp F	Pass / Fail	MIT Type
5 / 1	9 : 16	5.30	21.04	21.08	63.40	810.29	4.86	52.29	Pass	Feed
5 / 2	8 : 46	5.30	21.00	21.05	58.40	902.50	5.71	52.11	Pass	Feed
5 / 3	4 : 30	5.30	21.09	21.15	58.34	857.82	5.73	55.07	Pass	Feed
5 / 4	6 : 47	5.30	20.90	20.90	57.16	827.10	5.87	55.54	Pass	Feed
5 / 4	15 : 5	4.45	21.08	20.94	57.60	827.10	5.87	55.54	Pass	Feed
5 / 4	16 : 0	5.30	21.17	21.16	57.83	827.10	5.87	55.54	Pass	Feed
5 / 5	4 : 41	5.30	21.26	21.28	95.56	569.57	2.15	58.29	Pass	Feed
5 / 6	4 : 30	5.30	21.10	21.14	75.66	828.09	3.38	60.20	Pass	Feed
5 / 8	8 : 20	5.30	21.04	21.08	71.86	835.20	3.78	53.09	Pass	Feed
5 / 9	7 : 55	5.30	20.97	20.98	62.23	952.38	5.00	53.99	Pass	Feed
5 / 10	4 : 21	5.30	21.09	21.13	68.74	863.38	4.15	52.29	Pass	Feed
5 / 12	7 : 19	5.30	21.04	21.05	63.24	949.60	4.85	55.94	Pass	Feed
5 / 13	4 : 42	5.30	20.95	20.95	68.88	818.11	4.08	52.29	Pass	Feed
5 / 14	11 : 9	5.30	20.98	20.99	153.89	219.69	0.80	65.47	Pass	Feed
5 / 15	7 : 58	5.30	20.93	20.94	65.82	909.75	4.39	60.54	Pass	Feed
5 / 16	11 : 38	5.30	21.00	21.02	60.51	890.03	5.26	57.46	Pass	Feed
5 / 17	4 : 25	5.30	20.99	20.99	60.96	846.84	5.12	63.77	Pass	Feed
5 / 18	7 : 7	5.30	20.93	20.93	53.26	1029.93	6.71	60.69	Pass	Feed
5 / 19	5 : 51	5.30	21.06	21.05	144.68	200.98	0.92	62.07	Pass	Feed
5 / 20	4 : 33	5.30	20.98	20.97	60.23	850.34	5.28	59.56	Pass	Feed
5 / 21	5 : 11	5.30	20.99	20.99	80.64	512.28	2.96	57.95	Pass	Feed
5 / 22	10 : 7	5.30	21.04	21.05	58.59	900.44	5.67	53.76	Pass	Feed
5 / 23	6 : 56	5.30	21.04	21.03	61.18	894.80	5.18	55.48	Pass	Feed
5 / 24	4 : 22	5.30	21.02	21.03	58.03	901.43	5.76	55.04	Pass	Feed
5 / 25	4 : 28	5.30	21.04	21.04	77.80	573.65	3.22	54.11	Pass	Feed
5 / 26	8 : 18	5.30	20.98	20.98	81.27	575.15	2.90	59.45	Pass	Feed
5 / 27	4 : 23	5.30	21.04	21.03	65.33	845.09	4.55	55.26	Pass	Feed
5 / 28	5 : 2	5.30	21.01	21.01	84.44	527.31	2.72	55.26	Pass	Feed
5 / 29	11 : 8	5.30	20.95	20.95	157.21	205.02	0.77	61.53	Pass	Feed
5 / 30	4 : 42	5.30	20.98	20.98	61.31	912.26	5.14	55.58	Pass	Feed
5 / 31	6 : 20	5.30	20.94	20.93	80.05	840.38	2.99	58.33	Pass	Feed