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

County: Linn
Month/Year: 0/0

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	0.018	0.018	0.016	0.018	0.018	0.018	0.020
2	0.020	0.020	0.020	0.018	OFF	OFF	0.022
3	OFF	OFF	0.027	0.018	0.020	0.015	0.047
4	0.020	0.020	0.018	0.020	0.020	0.020	0.024
5	OFF	OFF	0.020	0.016	0.018	0.018	0.038
6	0.020	0.020	0.018	0.018	0.017	OFF	0.022
7	OFF	OFF	OFF	0.017	0.017	0.017	0.060
8	0.019	0.019	0.019	0.020	0.014	0.019	0.021
9	0.019	0.021	0.021	0.020	0.019	OFF	0.024
10	OFF	OFF	0.021	0.021	0.021	0.021	0.049
11	0.023	0.023	0.021	0.023	0.023	OFF	0.027
12	OFF	OFF	OFF	0.023	0.023	0.023	0.051
13	0.023	0.025	0.025	0.025	0.025	OFF	0.027
14	OFF	OFF	OFF	0.017	0.024	0.024	0.055
15	0.019	0.026	0.028	0.026	0.026	0.026	0.030
16	0.021	0.030	0.030	0.028	0.028	0.028	0.030
17	OFF	OFF	0.041	0.028	0.026	0.023	0.054
18	0.028	0.025	0.028	0.027	0.026	OFF	0.032
19	OFF	OFF	0.027	0.027	0.025	0.024	0.058
20	0.027	0.028	0.028	0.027	0.027	OFF	0.029
21	OFF	OFF	0.027	0.025	0.027	0.026	0.059
22	0.028	0.028	0.028	0.027	0.027	0.026	0.031
23	0.028	0.028	0.028	0.027	0.027	OFF	0.032
24	OFF	OFF	0.028	0.013	0.026	0.026	0.065
25	0.028	0.028	0.030	0.027	OFF	OFF	0.031
26	OFF	OFF	0.014	0.016	0.015	0.015	0.056
27	0.015	0.016	0.016	0.016	0.014	OFF	0.037
28	OFF	OFF	OFF	0.016	0.015	0.015	0.040
29	0.015	0.016	0.016	0.016	0.016	0.015	0.020
30	0.016	0.016	0.016	0.016	0.016	OFF	0.019
31	OFF	OFF	OFF	0.016	0.015	0.014	0.023

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? [2]	Yes / No	CT's met everyday?	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No

Notes: OFF = PLANT OFF

PRINTED NAME: Chris Germond
SIGNATURE: Chris Germond **DATE:** 8/3/23
PHONE #: 541-258-4274 **CERT #:** T-08232

[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: 0/0

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]
7/1/2023 16:35	0.9	56	53	18	7.8	14	Yes	3603
7/2/2023 5:24	1.0	64	65	18	7.8	15	Yes	3599
7/3/2023 9:06	0.8	53	43	17	7.7	16	Yes	4011
7/4/2023 5:51	1.0	62	62	19	7.8	14	Yes	3577
7/5/2023 6:25	0.8	64	54	19	7.8	14	Yes	3588
7/6/2023 2:17	1.0	59	59	19	7.8	14	Yes	3747
7/7/2023 11:02	0.8	63	49	17	7.8	15	Yes	3685
7/8/2023 23:29	1.0	54	57	18	7.8	15	Yes	3586
7/9/2023 1:45	1.0	64	66	17	7.8	16	Yes	3647
7/10/2023 7:42	0.9	53	48	16	7.7	16	Yes	3637
7/11/2023 4:58	1.0	57	56	18	7.8	16	Yes	3613
7/12/2023 8:59	0.8	59	47	17	7.8	16	Yes	3596
7/13/2023 2:22	0.9	60	53	19	7.8	14	Yes	3632
7/14/2023 10:18	0.8	62	48	18	7.8	15	Yes	3553
7/15/2023 8:22	1.0	54	53	19	7.8	14	Yes	3569
7/16/2023 2:36	1.0	56	56	19	7.8	14	Yes	3652
7/17/2023 8:56	0.9	63	54	19	7.8	14	Yes	3537
7/18/2023 2:04	1.0	64	62	18	7.9	15	Yes	3607
7/19/2023 6:24	0.9	59	53	17	7.8	16	Yes	4003
7/20/2023 6:47	1.1	60	64	19	7.9	15	Yes	3735
7/21/2023 7:19	0.9	61	57	17	7.9	16	Yes	3681
7/22/2023 23:47	1.0	56	59	19	7.9	15	Yes	3672
7/23/2023 3:27	0.9	57	54	19	7.9	14	Yes	3713
7/24/2023 8:21	0.8	62	52	17	7.9	16	Yes	3603
7/25/2023 1:44	1.0	66	69	17	7.8	16	Yes	3703
7/26/2023 7:53	0.9	53	48	16	7.7	16	Yes	3989
7/27/2023 12:55	0.9	56	49	18	7.9	15	Yes	3631
7/28/2023 9:44	0.6	66	40	18	7.9	15	Yes	3762
7/29/2023 23:10	1.1	53	58	18	7.9	15	Yes	3596
7/30/2023 5:52	1.0	54	56	18	7.9	15	Yes	3678
7/31/2023 10:15	0.9	68	64	17	7.9	16	Yes	3530

[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:

Zach Golik our regional Regulator performed a Sanitary Survey on 5/24/2023. He then corresponded with us through email that we are not to exceed a flow of 3,488 gpm on June 13th due to our previous Tracer Study. We have set our Finish Water pumps to output 3,300 to 3,400 gpm since then. Unfortunately with the way our distribution pressure works we will have times where the flow can change +/- 500 gpm. Our report will indicate that the flow is above 3,488 gpm but that time is small. The most it was out of compliance this month was 70 seconds. **We have contacted Zach Golik about this and are awaiting an answer.** If we use the previous Tracer Study flow basis of 3,144 gpm there would be times that it would exceed 3,488 gpm. Another issue is if we are to keep under 3,488 gpm at all times that will lower our maximum flowrate and we will have trouble keeping up with summer demand for Lebanon. We are awaiting DWS OHA's approval for our Tracer Study Plan, wherefor once approved, we will perform another Tracer Study to increase the maximum finish flowrate. Hopefully to 5,000 gpm.

Start Date 7/1/2023 End Date 7/31/2023

Lebanon WTP MIT / LRV Test Results Report UF 1

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: Temp F	4.0 Pass / Fail	MIT Type
7 / 1	1 : 36	5.30	21.07	21.07	72.48	812.68	3.51	62.06	Pass	Feed
7 / 2	1 : 21	5.30	21.14	21.15	62.52	945.31	4.95	61.87	Pass	Feed
7 / 3	7 : 30	5.30	21.10	21.09	69.79	834.41	3.98	59.23	Pass	Feed
7 / 4	1 : 35	5.30	21.11	21.11	72.51	804.71	3.67	62.19	Pass	Feed
7 / 5	6 : 39	5.30	20.95	20.94	185.65	120.30	0.55	64.88	Pass	Feed
7 / 6	1 : 56	5.30	21.12	21.13	71.85	819.72	3.73	62.96	Pass	Feed
7 / 7	6 : 22	5.30	20.97	20.96	68.53	836.06	4.07	60.85	Pass	Feed
7 / 8	1 : 21	5.30	21.14	21.13	79.99	817.49	3.03	60.63	Pass	Feed
7 / 9	1 : 28	5.30	21.16	21.15	72.79	815.61	3.67	59.50	Pass	Feed
7 / 10	7 : 56	5.30	21.03	21.02	109.96	404.39	1.59	59.70	Pass	Feed
7 / 11	1 : 53	5.30	21.05	21.04	74.63	804.42	3.45	60.32	Pass	Feed
7 / 12	9 : 22	5.30	21.14	21.15	177.10	130.11	0.62	60.71	Pass	Feed
7 / 13	1 : 43	5.30	21.08	21.08	62.80	1003.69	4.87	62.51	Pass	Feed
7 / 14	7 : 38	5.30	21.09	21.08	75.05	894.14	3.42	62.06	Pass	Feed
7 / 15	1 : 56	5.30	21.05	21.06	135.00	147.41	1.05	63.05	Pass	Feed
7 / 16	1 : 56	5.30	21.07	21.08	68.33	875.01	4.11	63.16	Pass	Feed
7 / 17	7 : 43	5.30	21.18	21.18	67.54	914.19	4.24	63.62	Pass	Feed
7 / 18	1 : 23	5.30	21.00	21.00	76.13	820.57	3.30	61.83	Pass	Feed
7 / 19	6 : 51	5.30	21.15	21.15	70.43	992.16	3.90	61.55	Pass	Feed
7 / 20	1 : 57	5.30	21.18	21.19	70.20	834.64	3.93	62.52	Pass	Feed
7 / 21	7 : 0	5.30	21.05	21.05	61.37	999.74	5.11	59.82	Pass	Feed
7 / 22	1 : 29	5.30	21.03	21.04	63.47	969.30	4.75	63.03	Pass	Feed
7 / 23	1 : 43	5.30	21.20	21.21	74.43	762.00	3.50	62.99	Pass	Feed
7 / 24	8 : 57	5.30	21.07	21.08	74.33	873.07	3.50	58.45	Pass	Feed
7 / 25	1 : 26	5.30	21.03	21.04	76.49	790.84	3.29	59.87	Pass	Feed
7 / 26	7 : 59	5.30	21.13	21.12	72.24	932.28	3.73	57.88	Pass	Feed
7 / 27	1 : 55	5.30	21.04	21.05	63.67	956.95	4.73	61.51	Pass	Feed
7 / 28	7 : 5	5.30	21.08	21.08	108.72	418.03	1.63	61.57	Pass	Feed
7 / 29	1 : 56	5.30	21.12	21.12	75.54	814.90	3.38	61.73	Pass	Feed
7 / 30	1 : 25	5.30	21.02	21.02	62.23	1052.46	4.95	61.54	Pass	Feed
7 / 31	7 : 37	5.30	21.04	21.03	78.36	735.83	3.13	60.75	Pass	Feed

Start Date 7/1/2023 End Date 7/31/2023

Lebanon WTP MIT / LRV Test Results Report UF 2

Min LRV: 4.0

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Temp F	Pass / Fail	MIT Type
7 / 1	2 : 33	5.30	20.91	20.90	73.62	855.60	3.35	62.06	Pass	Feed
7 / 2	2 : 58	5.30	20.96	20.94	74.70	827.09	3.41	61.44	Pass	Feed
7 / 3	8 : 1	5.30	20.93	20.91	73.75	935.71	3.51	59.31	Pass	Feed
7 / 4	2 : 30	5.30	20.93	20.92	74.98	831.90	3.38	61.96	Pass	Feed
7 / 5	7 : 29	5.30	20.94	20.92	67.31	992.70	4.22	59.10	Pass	Feed
7 / 6	2 : 54	5.30	20.94	20.91	74.07	852.51	3.46	62.64	Pass	Feed
7 / 7	8 : 53	5.30	20.99	20.96	74.19	871.77	3.48	60.74	Pass	Feed
7 / 8	2 : 45	5.30	21.08	21.06	71.58	896.50	3.77	60.11	Pass	Feed
7 / 9	2 : 51	5.30	21.08	21.07	72.97	867.00	3.63	59.18	Pass	Feed
7 / 10	7 : 27	5.30	21.02	21.00	171.78	185.16	0.65	62.55	Pass	Feed
7 / 11	2 : 51	5.30	20.89	20.88	73.41	820.91	3.52	60.14	Pass	Feed
7 / 12	8 : 41	5.30	20.84	20.81	87.08	604.44	2.50	59.08	Pass	Feed
7 / 13	2 : 32	5.30	21.00	20.98	72.95	870.73	3.58	62.33	Pass	Feed
7 / 14	8 : 5	5.30	21.03	21.00	76.23	827.19	3.30	62.00	Pass	Feed
7 / 15	2 : 28	5.30	20.98	20.95	78.32	863.83	3.10	62.79	Pass	Feed
7 / 16	2 : 23	5.30	20.95	20.93	79.98	784.73	2.97	62.98	Pass	Feed
7 / 17	8 : 10	5.27	21.00	20.96	81.64	777.15	2.86	63.58	Pass	Feed
7 / 18	3 : 3	5.30	21.08	21.06	77.10	854.24	3.24	61.34	Pass	Feed
7 / 19	7 : 38	5.30	20.96	20.94	72.35	949.26	3.66	58.63	Pass	Feed
7 / 20	2 : 54	5.30	21.09	21.07	78.61	839.20	3.11	62.23	Pass	Feed
7 / 21	7 : 48	5.30	20.95	20.93	188.88	160.11	0.53	63.77	Pass	Feed
7 / 22	2 : 50	5.30	21.03	21.01	76.25	884.06	3.29	62.46	Pass	Feed
7 / 23	2 : 27	5.30	20.92	20.89	83.18	704.74	2.74	62.94	Pass	Feed
7 / 24	7 : 54	5.30	20.88	20.86	75.09	943.45	3.36	60.52	Pass	Feed
7 / 25	2 : 36	5.30	20.92	20.91	77.12	808.27	3.20	59.61	Pass	Feed
7 / 26	7 : 7	5.30	21.03	21.00	72.45	871.28	3.68	57.69	Pass	Feed
7 / 27	2 : 59	5.30	20.97	20.95	78.31	865.35	3.11	61.26	Pass	Feed
7 / 28	11 : 27	5.30	20.96	20.96	80.50	749.07	2.97	56.10	Pass	Feed
7 / 29	2 : 18	5.30	20.92	20.90	74.55	867.08	3.42	61.45	Pass	Feed
7 / 30	2 : 21	5.30	20.92	20.91	70.79	938.37	3.79	61.32	Pass	Feed
7 / 31	8 : 1	5.30	20.90	20.87	81.33	809.14	2.87	60.87	Pass	Feed

Start Date 7/1/2023 End Date 7/31/2023

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
7 / 1	3 : 35	5.30	21.03	21.03	77.13	831.25	3.23	62.06	Pass	Feed
7 / 2	4 : 8	5.30	21.09	21.10	73.75	855.91	3.55	60.73	Pass	Feed
7 / 3	8 : 27	5.30	21.02	21.02	71.43	878.66	3.77	59.01	Pass	Feed
7 / 4	3 : 31	5.30	21.01	21.01	75.25	833.78	3.38	61.21	Pass	Feed
7 / 5	7 : 0	5.30	21.03	21.03	169.31	181.77	0.66	64.88	Pass	Feed
7 / 6	3 : 56	5.30	21.02	21.02	75.23	843.00	3.38	61.94	Pass	Feed
7 / 7	10 : 6	5.30	21.01	21.01	170.10	173.96	0.66	62.16	Pass	Feed
7 / 8	3 : 41	5.30	20.98	20.98	72.07	870.12	3.69	59.68	Pass	Feed
7 / 9	3 : 49	5.30	20.99	20.99	70.07	860.61	3.91	58.70	Pass	Feed
7 / 10	8 : 43	5.30	20.99	20.99	74.34	865.91	3.48	58.03	Pass	Feed
7 / 11	3 : 29	5.30	21.00	21.00	73.22	851.07	3.58	59.71	Pass	Feed
7 / 12	8 : 8	5.30	21.12	21.12	74.84	893.89	3.46	59.73	Pass	Feed
7 / 13	3 : 26	5.30	21.01	21.01	76.55	843.84	3.26	61.93	Pass	Feed
7 / 14	11 : 12	5.30	21.15	21.17	88.04	523.23	2.52	57.51	Pass	Feed
7 / 15	3 : 38	5.30	21.08	21.09	78.82	792.78	3.09	62.23	Pass	Feed
7 / 16	4 : 22	5.30	21.06	21.06	77.13	829.94	3.23	61.94	Pass	Feed
7 / 17	8 : 34	5.30	21.10	21.10	79.72	808.60	3.02	63.62	Pass	Feed
7 / 18	4 : 5	5.30	20.99	21.00	76.76	840.53	3.24	61.17	Pass	Feed
7 / 19	9 : 18	5.30	21.13	21.14	68.86	949.54	4.11	57.44	Pass	Feed
7 / 20	3 : 17	5.30	21.00	21.01	75.39	859.89	3.36	62.06	Pass	Feed
7 / 21	7 : 23	5.30	21.10	21.10	169.41	190.65	0.67	63.78	Pass	Feed
7 / 22	3 : 48	5.30	21.11	21.11	79.89	863.69	3.02	61.85	Pass	Feed
7 / 23	4 : 33	5.30	21.08	21.08	89.51	653.46	2.40	61.93	Pass	Feed
7 / 24	10 : 26	5.30	21.17	21.18	75.18	918.93	3.46	56.87	Pass	Feed
7 / 25	3 : 38	5.30	21.00	21.00	77.70	839.10	3.18	59.43	Pass	Feed
7 / 26	7 : 32	5.30	21.07	21.07	80.51	814.92	2.99	57.87	Pass	Feed
7 / 27	3 : 52	5.30	21.10	21.10	77.49	857.21	3.22	60.54	Pass	Feed
7 / 28	11 : 50	5.30	21.13	21.16	84.55	718.09	2.73	56.03	Pass	Feed
7 / 29	3 : 31	5.30	21.10	21.11	76.58	872.35	3.29	60.99	Pass	Feed
7 / 30	4 : 29	5.30	21.03	21.03	74.33	921.28	3.48	60.37	Pass	Feed
7 / 31	8 : 54	5.30	21.00	21.00	83.22	755.86	2.76	60.75	Pass	Feed

Start Date 7/1/2023 End Date 7/31/2023

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
7 / 1	4 : 29	5.30	20.90	20.90	69.85	876.60	3.50	62.07	Pass	Feed
7 / 2	4 : 57	5.30	21.01	21.01	67.93	927.42	4.16	60.18	Pass	Feed
7 / 3	8 : 52	5.30	20.92	20.92	73.94	893.28	3.49	59.22	Pass	Feed
7 / 4	4 : 27	5.30	20.89	20.89	74.60	865.10	3.41	60.74	Pass	Feed
7 / 5	7 : 50	5.30	20.90	20.91	69.44	945.36	3.95	58.57	Pass	Feed
7 / 6	4 : 49	5.30	21.02	21.02	71.21	917.00	3.78	61.49	Pass	Feed
7 / 7	10 : 52	5.30	20.92	20.91	74.28	956.05	3.44	60.91	Pass	Feed
7 / 8	4 : 33	5.30	21.01	21.01	71.04	906.19	3.81	59.45	Pass	Feed
7 / 9	4 : 38	5.30	20.99	20.99	73.32	882.68	3.58	58.41	Pass	Feed
7 / 10	9 : 32	5.30	20.99	21.00	69.53	922.45	3.99	57.17	Pass	Feed
7 / 11	4 : 39	5.30	21.04	21.04	73.81	871.44	3.54	59.23	Pass	Feed
7 / 12	7 : 40	5.30	20.92	20.92	73.11	882.65	3.57	59.24	Pass	Feed
7 / 13	4 : 28	5.30	20.90	20.90	75.19	884.10	3.36	61.18	Pass	Feed
7 / 14	10 : 46	5.30	20.93	20.95	86.46	517.10	2.56	57.51	Pass	Feed
7 / 15	4 : 47	5.30	20.93	20.93	77.63	846.00	3.15	61.40	Pass	Feed
7 / 16	5 : 27	5.30	20.95	20.95	77.02	838.12	3.21	61.24	Pass	Feed
7 / 17	8 : 58	5.30	21.02	21.02	82.56	893.90	2.80	63.62	Pass	Feed
7 / 18	4 : 29	5.30	21.03	21.04	75.20	886.62	3.39	60.90	Pass	Feed
7 / 19	6 : 23	5.30	20.96	20.95	77.97	877.92	3.14	59.93	Pass	Feed
7 / 20	4 : 41	5.30	21.08	21.08	75.12	890.08	3.41	61.44	Pass	Feed
7 / 21	8 : 39	5.30	20.99	21.00	65.88	1056.08	4.43	57.96	Pass	Feed
7 / 22	4 : 40	5.30	20.89	20.89	74.44	894.51	3.42	61.67	Pass	Feed
7 / 23	5 : 36	5.30	20.94	20.94	81.60	748.47	2.86	61.08	Pass	Feed
7 / 24	8 : 23	5.30	20.90	20.91	70.83	933.75	3.80	58.45	Pass	Feed
7 / 25	4 : 36	5.30	21.03	21.04	65.96	1036.19	4.43	59.05	Pass	Feed
7 / 26	6 : 31	5.30	20.95	20.94	74.52	885.05	3.45	57.87	Pass	Feed
7 / 27	4 : 42	5.30	20.90	20.90	76.62	877.63	3.24	60.03	Pass	Feed
7 / 28	8 : 53	5.30	20.92	20.92	174.90	193.66	0.62	61.52	Pass	Feed
7 / 29	4 : 45	5.30	20.95	20.94	75.92	943.09	3.31	60.29	Pass	Feed
7 / 30	5 : 30	5.30	20.95	20.95	75.95	888.52	3.31	59.89	Pass	Feed
7 / 31	8 : 31	5.30	20.91	20.90	85.25	800.07	2.61	60.83	Pass	Feed