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

County: Linn
Month/Year: 8/2022

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	0.022	0.013	0.020	0.020	0.040
2	0.022	0.022	0.020	0.019	0.020	OFF	0.022
3	OFF	OFF	0.020	0.019	0.019	0.019	0.036
4	0.019	0.020	0.019	0.020	OFF	OFF	0.022
5	OFF	OFF	0.020	0.020	0.020	0.020	0.041
6	0.020	0.021	0.022	0.020	0.019	0.020	0.022
7	0.022	0.022	0.022	0.020	0.022	OFF	0.024
8	OFF	OFF	0.022	0.022	0.022	0.022	0.045
9	0.024	0.024	0.024	0.024	OFF	OFF	0.026
10	OFF	OFF	0.026	0.026	0.026	0.026	0.044
11	0.028	0.021	0.028	0.026	OFF	OFF	0.050
12	OFF	OFF	0.028	0.028	0.026	0.013	0.039
13	0.015	0.028	0.028	0.024	0.026	0.026	0.030
14	0.026	0.026	0.026	0.024	0.013	OFF	0.026
15	OFF	OFF	0.013	0.013	0.019	0.015	0.050
16	0.015	0.020	0.021	0.019	0.019	OFF	0.021
17	OFF	OFF	0.015	0.019	0.019	0.020	0.052
18	0.020	0.017	0.020	0.020	OFF	OFF	0.022
19	OFF	OFF	OFF	0.019	0.015	0.019	0.020
20	0.020	0.017	0.022	0.021	0.020	0.020	0.022
21	0.020	0.022	0.022	0.021	0.020	OFF	0.022
22	OFF	OFF	0.013	0.020	0.015	0.022	0.050
23	0.022	0.024	0.015	0.022	OFF	OFF	0.026
24	OFF	OFF	OFF	0.024	0.024	0.026	0.024
25	0.015	0.028	0.028	0.028	0.028	OFF	0.032
26	OFF	OFF	OFF	0.030	0.015	0.028	0.029
27	0.015	0.030	0.028	0.028	0.028	0.028	0.030
28	0.028	0.028	0.028	0.028	0.028	OFF	0.030
29	OFF	OFF	0.028	0.015	0.015	0.028	0.030
30	0.030	0.030	0.030	0.013	OFF	OFF	0.032
31	OFF	OFF	0.015	0.013	0.015	0.015	0.015

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:** 9-7-22
PHONE #: 541-258-4274 **CERT #:** T-8682

[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:** 8/2022

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]
8/1/2022 7:47	0.8	67	54	19	7.9	14	Yes	3363
8/2/2022 15:17	1.0	54	54	20	8.0	14	Yes	4195
8/3/2022 6:45	0.9	54	46	18	7.8	15	Yes	4219
8/4/2022 6:05	1.0	59	58	19	7.9	15	Yes	4048
8/5/2022 7:12	0.8	48	40	17	7.8	15	Yes	4988
8/6/2022 22:47	0.9	75	68	18	8.0	15	Yes	3248
8/7/2022 13:03	0.9	57	53	18	8.0	16	Yes	4005
8/8/2022 7:27	0.8	58	47	17	7.8	15	Yes	4027
8/9/2022 8:33	0.8	64	54	18	8.1	16	Yes	3326
8/10/2022 7:01	0.9	71	62	17	7.8	16	Yes	3406
8/11/2022 12:38	1.0	48	47	18	8.1	17	Yes	4309
8/12/2022 8:15	0.8	66	56	17	7.8	16	Yes	3368
8/13/2022 12:56	0.8	59	48	18	7.9	15	Yes	3344
8/14/2022 1:03	1.0	81	82	18	8.0	16	Yes	2875
8/15/2022 7:12	0.8	61	46	17	7.9	16	Yes	3996
8/16/2022 9:06	1.0	56	54	19	7.9	15	Yes	4014
8/17/2022 7:54	0.9	68	58	17	7.8	15	Yes	3402
8/18/2022 6:33	1.1	51	56	18	8.1	17	Yes	4431
8/19/2022 11:20	0.9	67	57	17	7.9	16	Yes	3410
8/20/2022 4:14	1.0	65	68	18	7.9	15	Yes	3370
8/21/2022 7:51	0.9	64	61	18	7.9	16	Yes	3285
8/22/2022 6:59	0.7	53	40	17	7.8	15	Yes	3925
8/23/2022 6:18	0.9	54	49	18	7.9	15	Yes	3905
8/24/2022 8:40	0.8	55	46	17	7.7	15	Yes	4008
8/25/2022 2:31	1.0	54	53	18	7.9	15	Yes	4106
8/26/2022 11:54	0.7	62	43	18	7.9	15	Yes	3418
8/27/2022 7:10	1.2	64	74	18	7.9	15	Yes	3403
8/28/2022 12:50	1.1	75	81	17	8.0	18	Yes	3306
8/29/2022 22:30	0.9	62	54	17	7.9	17	Yes	3445
8/30/2022 1:17	0.8	53	43	18	7.9	16	Yes	4025
8/31/2022 7:21	0.9	64	57	17	7.8	16	Yes	3297

[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:

8/11/2022	UF1 and UF3 spiked NTU from maintenance on turbidimeters. Highest NTU of the day was UF1 0.050, UF3 0.026.

Start Date 8/1/2022 End Date 8/31/2022

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
8 / 1	9 : 27	5.30	21.13	21.11	63.36	955.25	4.82	61.15	Pass	Feed
8 / 2	1 : 22	5.30	21.09	21.07	67.45	917.61	4.21	64.47	Pass	Feed
8 / 3	8 : 20	5.30	21.03	21.02	189.37	81.02	0.54	61.06	Pass	Feed
8 / 4	1 : 26	5.30	21.03	21.00	68.59	966.75	4.06	62.64	Pass	Feed
8 / 5	7 : 26	5.30	20.98	20.95	70.65	1035.45	3.82	62.85	Pass	Feed
8 / 6	7 : 21	5.28	21.03	20.99	71.34	794.89	3.78	59.44	Pass	Feed
8 / 7	7 : 51	5.21	21.14	21.10	81.89	586.18	2.89	60.25	Pass	Feed
8 / 8	9 : 55	5.30	20.93	20.90	64.95	963.14	4.52	59.21	Pass	Feed
8 / 9	1 : 19	5.30	21.06	21.03	80.21	736.55	2.99	61.24	Pass	Feed
8 / 10	10 : 14	5.30	21.18	21.15	60.44	1116.68	5.33	59.52	Pass	Feed
8 / 11	1 : 26	5.30	21.05	21.02	67.13	897.96	4.27	60.72	Pass	Feed
8 / 12	7 : 46	5.00	21.20	21.16	209.98	119.55	0.44	64.09	Pass	Feed
8 / 13	7 : 35	5.27	21.10	21.06	65.79	894.41	4.48	58.99	Pass	Feed
8 / 14	7 : 31	5.12	20.88	20.83	89.29	572.03	2.38	59.24	Pass	Feed
8 / 15	8 : 5	4.95	21.02	20.98	204.88	117.30	0.45	63.71	Pass	Feed
8 / 15	10 : 52	5.30	20.96	20.92	60.56	1068.92	5.23	58.29	Pass	Feed
8 / 16	1 : 38	5.30	20.95	20.92	65.44	922.66	4.44	62.33	Pass	Feed
8 / 17	10 : 15	5.30	21.13	21.11	65.26	1023.88	4.55	59.81	Pass	Feed
8 / 18	1 : 32	5.30	21.10	21.08	63.72	925.42	4.75	61.16	Pass	Feed
8 / 19	7 : 23	5.30	21.12	21.08	57.90	1060.03	5.80	58.03	Pass	Feed
8 / 20	7 : 52	5.30	20.94	20.91	63.94	906.51	4.66	60.07	Pass	Feed
8 / 21	7 : 35	5.17	21.00	20.95	75.79	628.11	3.34	58.71	Pass	Feed
8 / 22	9 : 21	5.30	21.21	21.18	59.16	1049.02	5.59	58.54	Pass	Feed
8 / 23	1 : 50	5.30	21.03	21.00	76.28	775.52	3.29	62.18	Pass	Feed
8 / 24	9 : 19	5.30	21.22	21.19	63.44	1140.80	4.84	60.98	Pass	Feed
8 / 25	1 : 42	5.30	21.20	21.17	79.10	752.77	3.10	62.31	Pass	Feed
8 / 26	8 : 0	5.19	21.00	20.95	69.12	1022.89	4.00	61.06	Pass	Feed
8 / 27	7 : 36	5.30	21.11	21.07	64.61	925.85	4.63	60.59	Pass	Feed
8 / 28	7 : 40	5.06	20.87	20.81	73.81	772.89	3.50	57.29	Pass	Feed
8 / 29	7 : 40	5.23	21.16	21.12	66.14	883.04	4.45	58.89	Pass	Feed
8 / 30	1 : 54	5.30	21.10	21.06	65.55	914.38	4.50	60.43	Pass	Feed
8 / 31	8 : 21	5.30	21.04	21.01	59.53	1044.73	5.43	60.22	Pass	Feed

Start Date 8/1/2022 End Date 8/31/2022

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
8 / 1	7 : 19	4.97	20.98	20.93	181.44	189.62	0.57	67.23	Pass	Feed
8 / 2	2 : 20	5.30	21.06	21.03	77.05	832.45	3.22	64.16	Pass	Feed
8 / 3	8 : 44	5.30	21.01	21.00	67.23	997.02	4.25	59.92	Pass	Feed
8 / 3	22 : 34	5.30	21.05	21.02	68.45	961.84	4.08	63.14	Pass	Feed
8 / 4	2 : 27	5.30	21.07	21.05	67.46	915.81	4.22	62.36	Pass	Feed
8 / 5	8 : 14	5.30	21.15	21.15	69.84	1041.64	3.99	58.96	Pass	Feed
8 / 6	8 : 20	5.30	21.06	21.05	82.44	692.36	2.84	59.09	Pass	Feed
8 / 7	8 : 48	5.30	21.16	21.15	87.33	571.57	2.55	59.82	Pass	Feed
8 / 8	7 : 43	5.30	20.95	20.93	181.27	187.63	0.58	64.48	Pass	Feed
8 / 9	2 : 19	5.30	21.09	21.07	78.34	800.96	3.14	61.11	Pass	Feed
8 / 10	8 : 18	5.30	20.99	20.98	93.03	522.55	2.22	59.14	Pass	Feed
8 / 11	2 : 48	5.30	21.00	20.99	81.56	838.27	2.88	60.21	Pass	Feed
8 / 12	8 : 31	5.30	21.00	20.99	80.67	810.82	2.95	59.98	Pass	Feed
8 / 13	8 : 41	5.30	20.93	20.93	80.19	809.75	2.97	58.43	Pass	Feed
8 / 14	8 : 59	5.30	21.06	21.06	94.38	607.45	2.17	58.66	Pass	Feed
8 / 15	9 : 32	5.30	21.15	21.15	69.29	1042.59	4.06	58.83	Pass	Feed
8 / 16	2 : 28	5.30	21.01	20.99	74.52	883.89	3.44	62.13	Pass	Feed
8 / 17	9 : 41	5.30	20.66	20.65	65.35	1086.20	4.36	59.98	Pass	Feed
8 / 18	2 : 23	5.30	21.02	21.00	77.54	818.46	3.19	61.08	Pass	Feed
8 / 19	7 : 55	5.30	20.96	20.93	71.74	1040.14	3.73	58.10	Pass	Feed
8 / 20	8 : 53	5.30	20.94	20.93	78.14	798.48	3.13	59.55	Pass	Feed
8 / 21	8 : 56	5.30	20.97	20.96	99.29	534.26	1.95	58.22	Pass	Feed
8 / 22	8 : 38	5.30	20.73	20.73	64.14	1033.41	4.56	58.91	Pass	Feed
8 / 23	2 : 33	5.30	21.19	21.17	79.56	829.55	3.07	62.06	Pass	Feed
8 / 24	9 : 58	5.30	21.14	21.13	67.63	999.37	4.24	59.70	Pass	Feed
8 / 25	2 : 23	5.30	21.16	21.14	76.53	812.11	3.30	62.12	Pass	Feed
8 / 26	8 : 31	5.30	20.99	20.95	68.66	957.50	4.06	60.97	Pass	Feed
8 / 27	8 : 42	5.30	20.94	20.93	74.72	854.07	3.42	60.22	Pass	Feed
8 / 28	8 : 47	5.30	20.94	20.94	72.67	856.63	3.63	57.03	Pass	Feed
8 / 29	8 : 57	5.30	20.97	20.96	69.26	934.18	4.00	58.71	Pass	Feed
8 / 30	2 : 53	5.30	21.08	21.06	73.52	841.19	3.57	60.41	Pass	Feed
8 / 31	9 : 41	5.30	21.05	21.03	69.31	990.97	4.01	59.33	Pass	Feed

Start Date 8/1/2022 End Date 8/31/2022

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	Pass / Fail	MIT Type
									4.0	
8 / 1	7 : 51	5.30	21.27	21.27	78.77	859.29	3.13	65.24	Pass	Feed
8 / 2	3 : 42	5.30	21.13	21.13	75.42	819.46	3.39	63.24	Pass	Feed
8 / 3	9 : 10	5.30	21.24	21.25	64.44	1017.23	4.72	59.85	Pass	Feed
8 / 4	3 : 24	5.30	21.13	21.12	71.48	859.28	3.78	62.17	Pass	Feed
8 / 5	7 : 49	5.30	21.08	21.08	64.75	976.75	4.61	59.42	Pass	Feed
8 / 6	9 : 51	5.30	21.17	21.17	81.76	691.30	2.92	58.32	Pass	Feed
8 / 7	9 : 49	5.30	21.29	21.29	68.93	907.73	4.14	59.07	Pass	Feed
8 / 8	8 : 32	5.30	21.12	21.12	72.61	866.92	3.68	59.95	Pass	Feed
8 / 9	3 : 45	5.30	21.10	21.09	77.39	740.01	3.22	60.86	Pass	Feed
8 / 10	8 : 56	5.30	21.21	21.21	70.78	915.35	3.90	60.01	Pass	Feed
8 / 11	3 : 20	5.30	21.12	21.12	76.29	806.93	3.33	60.13	Pass	Feed
8 / 12	9 : 16	5.30	21.05	21.06	78.41	793.63	3.14	58.81	Pass	Feed
8 / 13	9 : 49	5.30	21.04	21.05	76.07	797.29	3.34	58.17	Pass	Feed
8 / 14	9 : 40	5.30	21.26	21.26	89.35	623.57	2.46	58.26	Pass	Feed
8 / 15	8 : 53	5.30	21.20	21.21	75.54	811.85	3.43	59.14	Pass	Feed
8 / 16	3 : 20	5.30	21.09	21.09	80.00	807.45	3.01	61.86	Pass	Feed
8 / 17	8 : 26	5.30	21.17	21.18	84.67	676.79	2.71	60.88	Pass	Feed
8 / 18	3 : 51	5.30	21.12	21.13	82.92	812.06	2.81	60.95	Pass	Feed
8 / 19	8 : 25	5.30	21.12	21.11	74.56	956.42	3.50	58.07	Pass	Feed
8 / 20	9 : 17	5.30	21.14	21.14	83.76	796.92	2.77	59.49	Pass	Feed
8 / 21	9 : 38	5.30	21.27	21.27	97.79	538.97	2.06	57.87	Pass	Feed
8 / 22	7 : 24	5.30	21.21	21.21	166.19	192.08	0.70	63.30	Pass	Feed
8 / 23	3 : 18	5.30	21.17	21.16	80.57	789.72	2.99	61.94	Pass	Feed
8 / 24	8 : 47	5.30	21.13	21.13	154.49	234.72	0.81	62.29	Pass	Feed
8 / 25	3 : 22	5.30	21.26	21.26	81.32	798.68	2.95	61.87	Pass	Feed
8 / 26	9 : 0	5.30	21.19	21.18	77.26	927.57	3.26	60.97	Pass	Feed
8 / 27	9 : 48	5.30	21.03	21.03	78.25	835.79	3.14	59.67	Pass	Feed
8 / 28	9 : 19	5.30	21.18	21.18	73.99	861.13	3.58	56.90	Pass	Feed
8 / 29	8 : 17	5.30	21.20	21.19	172.86	184.90	0.65	60.55	Pass	Feed
8 / 30	3 : 22	5.30	21.11	21.11	78.51	797.90	3.14	60.38	Pass	Feed
8 / 31	8 : 46	5.30	21.15	21.16	89.41	604.89	2.43	59.70	Pass	Feed

Start Date 8/1/2022 End Date 8/31/2022

Lebanon WTP MIT / LRV Test Results Report UF 4

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: Temp F	4.0 Pass / Fail	MIT Type
8 / 1	8 : 33	5.30	21.13	21.13	73.94	919.53	3.53	62.23	Pass	Feed
8 / 2	4 : 30	5.30	21.17	21.16	80.99	802.09	2.95	62.51	Pass	Feed
8 / 3	9 : 34	5.30	21.00	21.00	68.56	1095.98	4.08	59.73	Pass	Feed
8 / 4	4 : 39	5.30	20.93	20.92	76.45	873.19	3.25	61.59	Pass	Feed
8 / 5	9 : 31	5.30	21.07	21.06	73.77	981.59	3.55	58.50	Pass	Feed
8 / 6	10 : 35	5.30	21.12	21.11	84.53	731.10	2.72	58.02	Pass	Feed
8 / 7	10 : 28	5.30	21.04	21.04	69.39	1038.45	4.00	58.79	Pass	Feed
8 / 8	8 : 8	5.30	21.08	21.07	77.28	855.00	3.23	60.78	Pass	Feed
8 / 9	4 : 38	5.30	21.01	21.00	81.29	788.67	2.90	60.60	Pass	Feed
8 / 10	9 : 34	5.30	20.95	20.94	68.40	1029.01	4.08	59.72	Pass	Feed
8 / 11	4 : 17	5.30	21.06	21.05	70.22	921.31	3.91	59.81	Pass	Feed
8 / 12	8 : 7	5.30	20.98	20.97	154.64	240.57	0.79	64.08	Pass	Feed
8 / 13	10 : 46	5.30	21.06	21.06	76.98	826.83	3.27	57.82	Pass	Feed
8 / 14	10 : 48	5.30	21.01	21.01	88.11	625.93	2.48	57.89	Pass	Feed
8 / 15	8 : 33	5.30	21.00	20.99	70.66	857.63	3.85	59.14	Pass	Feed
8 / 16	4 : 41	5.30	20.94	20.92	75.35	817.51	3.35	61.37	Pass	Feed
8 / 17	9 : 0	5.30	21.08	21.07	70.23	982.23	3.91	60.12	Pass	Feed
8 / 18	4 : 37	5.30	21.18	21.18	75.67	842.17	3.39	60.91	Pass	Feed
8 / 19	9 : 2	5.30	21.14	21.13	72.02	937.26	3.76	58.03	Pass	Feed
8 / 20	10 : 32	5.30	21.17	21.16	76.15	841.29	3.36	58.76	Pass	Feed
8 / 21	10 : 32	5.30	21.11	21.10	93.41	564.70	2.23	57.53	Pass	Feed
8 / 22	8 : 0	5.30	21.08	21.07	70.81	960.80	3.85	59.42	Pass	Feed
8 / 23	4 : 43	5.30	21.04	21.03	76.77	844.04	3.26	61.51	Pass	Feed
8 / 24	8 : 19	5.30	21.00	20.99	82.46	799.65	2.82	59.92	Pass	Feed
8 / 25	4 : 23	5.30	21.15	21.14	84.59	798.35	2.71	61.64	Pass	Feed
8 / 26	9 : 41	5.30	21.05	21.03	74.13	994.20	3.50	61.01	Pass	Feed
8 / 27	10 : 33	5.30	21.17	21.16	80.47	881.64	3.01	59.41	Pass	Feed
8 / 28	10 : 17	5.30	21.09	21.09	80.03	831.38	3.04	56.78	Pass	Feed
8 / 29	10 : 43	5.30	20.98	20.98	70.47	950.26	3.87	57.59	Pass	Feed
8 / 30	4 : 50	5.30	21.01	21.00	78.31	824.81	3.13	60.33	Pass	Feed
8 / 31	9 : 12	5.30	21.16	21.16	77.35	786.42	3.25	59.56	Pass	Feed