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

County: Linn
Month/Year: 1/2021

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	OFF	0.020	0.019	0.020	0.029
2	0.020	0.020	0.020	0.020	0.020	0.020	0.055
3	0.020	0.020	0.020	OFF	OFF	OFF	0.025
4	OFF	OFF	OFF	OFF	0.038	0.026	0.036
5	0.027	0.027	0.050	0.027	OFF	OFF	0.050
6	OFF	OFF	OFF	0.026	0.026	0.029	0.036
7	0.026	0.024	0.029	OFF	OFF	OFF	0.037
8	OFF	OFF	OFF	OFF	0.015	0.036	0.035
9	0.022	0.015	0.015	0.015	0.015	0.015	0.027
10	0.015	0.015	0.015	OFF	OFF	OFF	0.023
11	OFF	OFF	OFF	0.026	0.017	0.035	0.075
12	0.018	0.017	0.031	OFF	OFF	OFF	0.034
13	OFF	OFF	OFF	0.018	0.018	0.020	0.038
14	0.018	0.019	0.019	OFF	OFF	OFF	0.027
15	OFF	OFF	OFF	OFF	0.017	0.017	0.028
16	0.017	0.017	0.015	0.017	0.017	0.017	0.023
17	0.016	0.017	0.017	0.017	0.017	0.016	0.021
18	0.017	0.017	0.017	0.018	0.017	0.016	0.025
19	0.017	0.017	0.017	OFF	OFF	OFF	0.023
20	OFF	OFF	OFF	0.021	0.018	0.018	0.031
21	0.019	0.019	0.019	OFF	OFF	OFF	0.025
22	OFF	OFF	OFF	0.020	0.017	0.017	0.027
23	0.017	0.018	0.017	0.017	0.017	0.019	0.026
24	0.019	0.020	0.017	OFF	OFF	OFF	0.028
25	OFF	OFF	OFF	OFF	0.017	0.019	0.032
26	0.029	0.020	0.024	0.027	OFF	OFF	0.037
27	OFF	OFF	OFF	OFF	0.017	0.022	0.027
28	0.018	0.022	0.020	OFF	OFF	OFF	0.028
29	OFF	OFF	OFF	0.017	0.017	0.017	0.025
30	0.018	0.017	0.017	0.017	0.017	0.017	0.021
31	0.017	0.017	0.017	OFF	OFF	OFF	0.021

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:** 2/9/21
PHONE #: 541-405-5970 **CERT #:** T08682

[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

Notes:

1/4/21:	Combined Filtrate Turbidity spike 0.091 NTU at 14:21 caused by adjusting flow to board. Filtrate grab sample was 0.036 NTU. Train turbidities at the time were: UF1 0.024, UF2 0.011, UF3 0.022, UF4 0.011.
1/5/21:	Combined Filtrate Turbidity spike 0.074 NTU caused by opening UF3 60081 valve to get un-fluoridated waterwhich caused air. Filtrate grab sample was 0.050 NTU. Train turbidities at the time were: UF1 Offline (MC), UF2 0.011, UF3 0.015, UF4 0.013.
1/8/21:	Combined Filtrate Turbidity spike 0.083 NTU at 17:00 caused by adjusting flow to board. Filtrate grab sample was 0.035 NTU. Train turbidities at the time were: UF1 0.019, UF2 0.013, UF3 0.015, UF4 0.013.
1/11/21:	Combined Filtrate Turbidity spike 0.073 NTU at 16:35 caused by moving drain line. Train turbidities at the time were: UF1 0.019, UF2 0.011, UF3 0.015, UF4 0.012.
1/12/21:	Combined Filtrate Turbidity spike 0.083 NTU caused by adjusting flow to filtrate board. Filtrate grab sample was 0.034 NTU. Train turbidities at the time were: UF1 0.019, UF2 0.011, UF3 0.015, UF4 0.013.

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP:	WTP-B

System Name: Lebanon, CITY OF ID#: 41-00473 Month/Year: 1/2021 Disinfection *Giardia* Log Inactive: 0.5

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]
1/1/2021 11:12	0.9	76	65	10	7.9	26	Yes	3231
1/2/2021 4:28	1.2	75	92	10	7.9	28	Yes	3248
1/3/2021 6:36	1.2	79	95	10	7.9	28	Yes	3110
1/4/2021 13:35	1.1	72	77	10	7.9	27	Yes	3395
1/5/2021 0:33	1.2	77	90	10	7.8	27	Yes	3204
1/6/2021 11:11	1.0	73	74	10	7.8	26	Yes	3349
1/7/2021 1:17	1.1	76	88	10	7.8	27	Yes	3209
1/8/2021 14:12	1.1	76	83	10	7.8	26	Yes	3227
1/9/2021 5:16	1.2	77	92	10	7.8	27	Yes	3189
1/10/2021 10:47	1.2	75	87	9	7.9	28	Yes	3302
1/11/2021 11:45	1.0	78	76	10	7.8	26	Yes	3185
1/12/2021 3:22	1.1	75	85	10	7.9	28	Yes	3255
1/13/2021 12:24	0.9	76	70	10	7.9	26	Yes	3251
1/14/2021 7:39	1.1	73	84	10	8.0	28	Yes	3339
1/15/2021 13:36	0.9	111	96	10	7.9	26	Yes	2216
1/16/2021 23:26	1.3	77	99	10	8.0	28	Yes	3177
1/17/2021 7:50	1.3	79	102	10	8.0	29	Yes	3128
1/18/2021 23:41	1.3	95	125	10	8.0	29	Yes	2568
1/19/2021 11:22	1.3	77	98	9	8.0	30	Yes	3183
1/20/2021 12:21	1.1	74	79	10	8.0	29	Yes	3338
1/21/2021 2:10	1.2	74	87	9	8.0	30	Yes	3308
1/22/2021 12:02	1.0	75	79	9	8.0	29	Yes	3258
1/23/2021 23:45	1.1	77	83	9	8.0	30	Yes	3179
1/24/2021 4:25	1.1	76	80	9	8.1	31	Yes	3240
1/25/2021 12:21	0.9	77	72	9	8.0	29	Yes	3194
1/26/2021 4:42	1.1	74	79	9	8.1	31	Yes	3325
1/27/2021 12:34	0.9	74	70	9	8.0	30	Yes	3310
1/28/2021 0:31	1.0	75	78	8	7.9	29	Yes	3299
1/29/2021 9:20	0.9	72	62	9	7.8	27	Yes	3396
1/30/2021 8:54	1.0	78	82	9	7.7	27	Yes	3138
1/31/2021 7:25	1.0	76	80	9	7.7	26	Yes	3215

[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

Start Date End Date
12/31/2020 1/31/2021

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
1 / 1	13 : 37	5.30	21.26	21.26	45.86	507.19	7.09	48.85	Pass	Feed
1 / 2	6 : 20	5.30	21.30	21.30	45.86	451.63	6.16	48.63	Pass	Feed
1 / 3	4 : 16	5.30	21.18	21.17	45.86	445.66	5.70	48.82	Pass	Feed
1 / 4	13 : 11	5.30	21.34	21.34	45.86	707.71	10.65	49.33	Pass	Feed
1 / 4	13 : 40	5.30	21.83	21.79	44.39	707.71	10.65	49.33	Pass	Feed
1 / 5	7 : 44	5.30	21.61	21.60	44.39	680.47	9.00	48.55	Pass	Feed
1 / 6	11 : 34	5.30	21.39	21.38	44.39	193.19	1.39	49.47	Pass	Feed
1 / 7	1 : 51	5.30	21.36	21.34	44.39	634.36	6.21	48.87	Pass	Feed
1 / 8	14 : 8	5.30	21.49	21.48	44.39	196.98	1.46	52.24	Pass	Feed
1 / 9	6 : 25	5.30	21.37	21.36	44.39	489.36	5.26	47.81	Pass	Feed
1 / 10	2 : 35	5.30	21.26	21.25	44.39	575.63	6.19	47.70	Pass	Feed
1 / 11	13 : 18	5.30	21.39	21.39	44.39	630.17	6.71	48.48	Pass	Feed
1 / 12	1 : 31	5.30	21.23	21.22	44.39	651.32	7.07	48.66	Pass	Feed
1 / 13	10 : 36	5.30	21.18	21.16	44.39	195.53	1.82	52.71	Pass	Feed
1 / 14	2 : 43	5.30	21.24	21.24	44.39	646.03	7.65	49.04	Pass	Feed
1 / 15	8 : 51	5.30	21.36	21.34	50.79	631.71	7.84	48.50	Pass	Feed
1 / 16	9 : 2	5.30	21.19	21.18	50.79	384.03	4.02	48.95	Pass	Feed
1 / 17	3 : 50	5.30	21.22	21.22	50.79	495.13	5.05	48.99	Pass	Feed
1 / 18	7 : 9	5.30	21.33	21.32	50.79	320.54	3.31	48.41	Pass	Feed
1 / 19	2 : 46	5.30	21.37	21.36	50.79	318.30	3.48	47.92	Pass	Feed
1 / 20	11 : 54	5.30	21.23	21.22	50.79	192.06	1.85	47.78	Pass	Feed
1 / 21	3 : 0	5.30	21.34	21.34	50.79	655.82	7.14	47.38	Pass	Feed
1 / 22	12 : 12	5.30	21.37	21.36	50.79	199.82	1.71	48.11	Pass	Feed
1 / 23	7 : 25	5.30	21.25	21.24	50.79	510.04	5.77	46.66	Pass	Feed
1 / 24	1 : 45	5.30	21.43	21.43	50.79	503.78	5.64	46.67	Pass	Feed
1 / 25	12 : 47	5.30	21.37	21.36	50.79	191.61	1.86	50.85	Pass	Feed
1 / 26	1 : 18	5.30	21.33	21.32	50.79	698.24	8.58	46.58	Pass	Feed
1 / 27	14 : 24	5.30	21.29	21.29	50.79	672.58	7.52	46.30	Pass	Feed
1 / 28	2 : 32	5.30	21.31	21.31	50.79	705.35	8.93	46.53	Pass	Feed
1 / 29	9 : 22	5.30	21.39	21.37	99.63	196.37	2.03	50.59	Pass	Feed
1 / 30	7 : 15	5.30	21.29	21.29	99.63	446.54	5.44	46.88	Pass	Feed
1 / 31	3 : 0	5.30	21.30	21.30	99.63	502.29	5.88	48.00	Pass	Feed

Start Date 12/31/2020 End Date 1/31/2021

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
1 / 1	12 : 28	5.30	21.42	21.42	61.00	514.25	5.47	49.07	Pass	Feed
1 / 2	7 : 28	5.30	21.50	21.50	61.00	450.65	4.48	48.63	Pass	Feed
1 / 3	1 : 47	5.30	21.29	21.29	61.00	439.58	4.30	48.81	Pass	Feed
1 / 4	12 : 26	5.30	21.05	21.05	61.00	264.53	2.37	53.52	Pass	Feed
1 / 5	6 : 47	5.30	21.45	21.45	61.00	610.65	4.50	48.61	Pass	Feed
1 / 6	12 : 14	5.30	21.42	21.42	61.00	634.24	5.20	49.49	Pass	Feed
1 / 7	2 : 26	5.30	21.38	21.37	61.00	620.38	5.08	48.87	Pass	Feed
1 / 8	13 : 40	5.30	21.22	21.21	61.00	278.81	2.02	52.25	Pass	Feed
1 / 9	7 : 33	5.30	21.44	21.43	61.00	507.03	4.54	47.75	Pass	Feed
1 / 10	2 : 3	5.30	21.28	21.28	61.00	558.13	5.00	47.67	Pass	Feed
1 / 11	11 : 53	5.30	21.30	21.29	61.00	273.69	1.97	52.04	Pass	Feed
1 / 12	6 : 55	5.30	21.41	21.40	61.00	690.82	5.82	48.78	Pass	Feed
1 / 13	11 : 17	5.30	21.19	21.19	61.00	272.10	1.87	52.71	Pass	Feed
1 / 14	2 : 19	5.30	21.58	21.56	61.00	641.20	6.21	49.05	Pass	Feed
1 / 15	13 : 17	5.30	21.39	21.38	61.00	264.58	2.14	51.09	Pass	Feed
1 / 16	8 : 9	5.30	21.23	21.22	61.00	366.24	3.18	49.00	Pass	Feed
1 / 17	2 : 10	5.30	21.36	21.35	61.00	498.45	4.78	48.99	Pass	Feed
1 / 18	6 : 23	5.30	21.32	21.32	61.00	314.21	2.76	48.40	Pass	Feed
1 / 19	1 : 18	5.30	21.26	21.26	61.00	320.85	3.06	48.05	Pass	Feed
1 / 20	10 : 21	5.30	21.38	21.36	61.00	575.50	5.40	47.38	Pass	Feed
1 / 21	1 : 46	5.30	21.40	21.40	61.00	620.72	5.61	47.39	Pass	Feed
1 / 22	6 : 31	5.30	21.38	21.36	61.00	637.63	5.91	47.43	Pass	Feed
1 / 23	6 : 46	5.30	21.39	21.39	61.00	507.56	4.62	46.68	Pass	Feed
1 / 24	2 : 21	5.30	21.41	21.41	61.00	506.32	4.58	46.65	Pass	Feed
1 / 25	12 : 27	5.30	21.13	21.11	61.00	270.26	1.99	50.85	Pass	Feed
1 / 26	1 : 51	5.30	21.45	21.45	61.00	723.91	6.98	46.55	Pass	Feed
1 / 27	12 : 53	5.30	21.23	21.23	61.00	274.10	2.08	50.17	Pass	Feed
1 / 28	4 : 10	5.30	21.36	21.36	61.00	688.29	6.98	46.43	Pass	Feed
1 / 29	11 : 31	5.30	21.26	21.27	61.00	513.79	5.31	46.50	Pass	Feed
1 / 30	6 : 44	5.30	21.33	21.33	61.00	443.34	4.49	46.89	Pass	Feed
1 / 31	2 : 12	5.30	21.40	21.41	61.00	523.20	5.15	48.00	Pass	Feed

Start Date 12/31/2020 End Date 1/31/2021

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
1 / 1	11 : 40	5.30	21.58	21.56	91.69	202.28	1.48	53.21	Pass	Feed
1 / 2	8 : 25	5.30	21.34	0.00	91.69	448.18	3.58	48.60	Pass	Feed
1 / 3	3 : 7	5.30	21.25	21.23	91.69	451.02	3.68	48.82	Pass	Feed
1 / 4	17 : 41	5.30	21.30	21.29	91.69	603.40	5.12	49.38	Pass	Feed
1 / 5	7 : 11	5.30	21.26	0.00	91.69	597.74	4.77	48.61	Pass	Feed
1 / 6	12 : 40	5.30	21.20	21.19	91.69	640.73	5.16	49.43	Pass	Feed
1 / 7	1 : 24	5.30	21.19	21.17	91.69	611.97	5.23	48.89	Pass	Feed
1 / 8	14 : 44	5.30	21.47	21.45	91.69	521.20	3.36	50.26	Pass	Feed
1 / 9	7 : 57	5.30	21.27	21.26	91.69	506.68	3.33	47.73	Pass	Feed
1 / 10	1 : 23	5.30	21.25	0.00	91.69	569.98	3.70	47.70	Pass	Feed
1 / 11	12 : 58	5.30	21.23	21.23	91.69	637.67	4.40	49.09	Pass	Feed
1 / 12	2 : 24	5.30	21.08	21.06	91.69	618.20	4.13	48.69	Pass	Feed
1 / 13	13 : 2	5.30	21.29	21.28	91.69	644.11	4.77	49.47	Pass	Feed
1 / 14	1 : 48	5.30	21.55	21.53	91.69	643.80	4.79	49.10	Pass	Feed
1 / 15	13 : 43	5.30	21.34	21.33	91.69	381.49	3.03	50.37	Pass	Feed
1 / 16	7 : 33	5.30	21.26	21.25	91.69	376.51	2.73	49.03	Pass	Feed
1 / 17	1 : 45	5.30	21.10	21.10	91.69	511.54	3.84	49.00	Pass	Feed
1 / 18	9 : 29	5.30	21.20	21.19	91.69	323.27	2.34	48.42	Pass	Feed
1 / 19	3 : 44	5.30	21.45	21.43	91.69	325.30	2.52	47.89	Pass	Feed
1 / 20	12 : 35	5.30	21.32	21.31	91.69	196.10	1.25	47.78	Pass	Feed
1 / 21	1 : 18	5.30	21.28	21.27	91.69	638.79	4.89	47.39	Pass	Feed
1 / 22	13 : 11	5.30	21.19	21.19	91.69	522.05	3.66	48.43	Pass	Feed
1 / 23	6 : 25	5.30	21.36	21.35	91.69	506.17	3.89	46.70	Pass	Feed
1 / 24	3 : 33	5.30	21.41	21.41	91.69	518.01	4.13	46.61	Pass	Feed
1 / 25	13 : 15	5.30	21.29	21.28	91.69	442.10	3.50	47.56	Pass	Feed
1 / 26	2 : 39	5.30	21.30	21.29	91.69	710.98	5.57	46.48	Pass	Feed
1 / 27	13 : 48	5.30	21.29	21.28	91.69	651.41	4.85	47.18	Pass	Feed
1 / 28	3 : 22	5.30	21.34	21.33	91.69	707.94	5.96	46.54	Pass	Feed
1 / 29	9 : 47	5.30	21.36	21.35	91.69	197.55	1.49	50.59	Pass	Feed
1 / 30	9 : 37	5.30	21.35	21.34	91.69	447.35	3.65	46.75	Pass	Feed
1 / 31	1 : 22	5.30	21.28	21.26	91.69	510.19	4.29	47.98	Pass	Feed

Start Date	End Date
12/31/2020	1/31/2021

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
1 / 1	11 : 17	5.30	21.07	21.06	71.93	219.60	1.55	53.21	Pass	Feed
1 / 2	7 : 1	5.30	21.18	21.18	71.93	454.50	3.65	48.62	Pass	Feed
1 / 3	1 : 19	5.30	21.16	21.15	71.93	474.35	4.18	48.81	Pass	Feed
1 / 4	12 : 49	5.30	21.40	21.39	71.93	219.97	1.31	53.52	Pass	Feed
1 / 5	12 : 49	5.30	21.02	21.01	71.93	596.31	5.25	48.68	Pass	Feed
1 / 6	7 : 9	5.30	21.10	21.08	71.93	679.16	5.97	48.64	Pass	Feed
1 / 7	3 : 29	5.30	21.23	21.22	71.93	689.81	4.54	48.85	Pass	Feed
1 / 8	15 : 23	5.30	21.36	21.35	71.93	523.50	3.48	49.27	Pass	Feed
1 / 9	15 : 23	5.30	21.22	21.21	71.93	535.08	4.19	47.78	Pass	Feed
1 / 10	3 : 11	5.30	21.14	21.14	71.93	577.52	4.24	47.70	Pass	Feed
1 / 11	12 : 23	5.30	21.08	21.08	71.93	218.07	1.19	52.05	Pass	Feed
1 / 12	12 : 23	5.30	21.26	21.25	71.93	653.88	4.90	48.69	Pass	Feed
1 / 13	13 : 28	5.30	20.94	20.94	71.93	673.28	5.12	49.41	Pass	Feed
1 / 14	1 : 24	5.30	21.19	21.18	71.93	664.62	5.42	49.10	Pass	Feed
1 / 15	12 : 51	5.30	21.19	21.18	71.93	659.59	5.58	48.52	Pass	Feed
1 / 16	7 : 1	5.30	21.13	21.13	71.93	381.76	2.99	49.03	Pass	Feed
1 / 17	2 : 46	5.30	20.88	20.88	71.93	509.30	3.55	49.01	Pass	Feed
1 / 18	10 : 6	5.30	21.18	21.18	71.93	325.03	2.14	48.41	Pass	Feed
1 / 19	2 : 14	5.30	21.13	21.12	71.93	335.89	2.45	47.96	Pass	Feed
1 / 20	13 : 20	5.30	21.23	21.23	71.93	670.10	5.48	47.20	Pass	Feed
1 / 21	2 : 10	5.30	21.05	21.05	71.93	640.36	4.97	47.38	Pass	Feed
1 / 22	9 : 29	5.30	21.15	21.13	71.93	645.69	4.91	47.43	Pass	Feed
1 / 23	8 : 32	5.30	21.16	21.16	71.93	510.00	3.92	46.64	Pass	Feed
1 / 24	1 : 18	5.30	21.17	21.17	71.93	551.35	4.64	46.72	Pass	Feed
1 / 25	13 : 37	5.30	21.25	21.25	71.93	456.96	3.27	47.55	Pass	Feed
1 / 26	3 : 31	5.30	21.28	21.28	71.93	728.86	6.10	46.38	Pass	Feed
1 / 27	14 : 56	5.30	21.18	21.19	71.93	728.01	6.11	46.33	Pass	Feed
1 / 28	1 : 43	5.30	21.15	21.15	71.93	684.25	5.88	46.61	Pass	Feed
1 / 29	10 : 12	5.30	21.30	21.29	71.93	226.82	1.43	50.59	Pass	Feed
1 / 30	6 : 19	5.30	21.17	21.16	71.93	458.07	3.78	46.93	Pass	Feed
1 / 31	1 : 49	5.30	21.23	21.22	71.93	518.61	4.30	48.01	Pass	Feed