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

County: Linn
Month/Year: 12/2022
Membrane

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

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	0.015	0.015	0.015	OFF	OFF	OFF	0.017
2	OFF	OFF	OFF	OFF	0.018	0.015	0.039
3	0.015	0.017	0.015	0.015	0.015	0.015	0.018
4	0.015	0.015	0.015	0.015	0.018	0.015	0.022
5	0.015	0.015	0.015	0.015	0.015	OFF	0.014
6	OFF	OFF	0.015	0.015	0.015	OFF	0.026
7	OFF	OFF	0.015	0.015	0.015	OFF	0.026
8	OFF	OFF	0.017	0.017	0.015	OFF	0.034
9	OFF	OFF	0.017	0.015	0.017	0.017	0.030
10	0.015	0.017	0.017	0.017	0.017	0.017	0.019
11	OFF	OFF	OFF	OFF	OFF	OFF	0.000
12	OFF	OFF	0.015	0.017	0.015	0.017	0.046
13	0.017	OFF	0.017	OFF	OFF	OFF	0.021
14	OFF	OFF	0.015	0.017	0.013	0.017	0.032
15	OFF	OFF	0.013	0.019	OFF	OFF	0.026
16	OFF	OFF	OFF	OFF	0.020	0.021	0.038
17	0.017	0.021	0.021	0.017	0.021	0.021	0.022
18	OFF	OFF	OFF	OFF	OFF	OFF	0.000
19	OFF	OFF	0.022	0.022	0.022	0.022	0.047
20	OFF	OFF	0.022	0.022	0.022	OFF	0.032
21	OFF	OFF	0.016	0.017	0.017	0.024	0.035
22	0.024	0.024	0.024	0.024	0.024	0.024	0.024
23	0.024	0.024	0.024	0.024	0.024	0.024	0.028
24	0.024	0.024	0.016	0.024	0.024	0.024	0.026
25	0.024	0.024	0.024	0.024	0.024	OFF	0.026
26	OFF	OFF	OFF	0.024	0.017	OFF	0.037
27	OFF	OFF	0.026	0.030	0.028	OFF	0.036
28	OFF	OFF	0.018	0.030	0.017	0.030	0.043
29	OFF	OFF	0.016	0.030	0.017	OFF	0.041
30	OFF	OFF	OFF	OFF	0.015	0.017	0.039
31	0.017	0.017	0.017	0.015	0.015	0.015	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:** 1/5/2023
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: 12/2022

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]
12/1/2022 1:36	1.1	58	66	11	7.6	23	Yes	3230
12/2/2022 15:11	0.9	69	59	12	7.6	21	Yes	3341
12/3/2022 19:42	1.3	71	91	11	7.7	25	Yes	3306
12/4/2022 0:00								
12/5/2022 6:35	0.9	60	55	11	8.0	24	Yes	3356
12/6/2022 6:17	1.0	70	68	10	7.7	24	Yes	3305
12/7/2022 6:20	1.1	89	101	10	8.0	27	Yes	2686
12/8/2022 6:05	1.1	61	65	10	7.7	25	Yes	3370
12/9/2022 7:57	1.1	72	78	10	7.7	25	Yes	2893
12/10/2022 18:5	1.1	77	88	9	7.6	26	Yes	3012
12/11/2022 0:00								
12/12/2022 7:57	0.6	57	32	11	7.7	22	Yes	3388
12/13/2022 7:29	1.6	64	99	9	7.8	28	Yes	3203
12/14/2022 6:20	1.3	75	100	10	7.7	26	Yes	3221
12/15/2022 6:54	1.3	73	95	9	8.0	29	Yes	3220
12/16/2022 14:0	1.2	75	87	9	7.6	25	Yes	2831
12/17/2022 15:1	1.4	63	88	8	7.7	30	Yes	3243
12/18/2022 0:00								
12/19/2022 7:38	1.1	62	67	9	7.7	26	Yes	3327
12/20/2022 6:30	1.1	59	68	9	8.0	30	Yes	3261
12/21/2022 8:13	1.1	72	81	9	7.8	28	Yes	3232
12/22/2022 4:08	1.3	89	115	8	8.0	31	Yes	2519
12/23/2022 20:4	1.4	122	176	8	8.1	36	Yes	1718
12/24/2022 20:0	1.4	126	181	8	8.0	34	Yes	1505
12/25/2022 13:0	1.4	78	108	9	8.0	31	Yes	3195
12/26/2022 10:1	1.2	59	68	10	7.8	27	Yes	3321
12/27/2022 15:5	1.1	67	73	10	7.7	25	Yes	3264
12/28/2022 6:53	0.8	66	54	10	7.6	23	Yes	3303
12/29/2022 7:51	1.2	78	90	10	7.7	25	Yes	3196
12/30/2022 14:5	1.1	71	76	10	7.8	26	Yes	3274
12/31/2022 19:4	1.3	67	84	9	7.7	27	Yes	2948

[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:

12/2/2022	UF2 had a turbidity spike on startup of 0.226 NTU. Highest UF2 NTU of the day was 0.027.
12/5/2022	UF2 had a turbidity spike on startup of 0.199 NTU. Highest UF2 NTU of the day was 0.014.
12/8/2022	UF2 had a turbidity spike after a backwash of 0.057 NTU. Highest UF2 NTU of the day was 0.014.
12/19/2022	UF4 had a turbidity spike on startup of 0.050 NTU. Highest UF4 NTU of the day was 0.012.
12/28/2022	UF2 had a turbidity spike during a Recovery Clean 0.169 NTU. Highest UF2 NTU of the day was 0.020.

Start Date End Date
12/1/2022 ########

Lebanon WTP MIT / LRV Test Results Report UF 1

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
12 / 1	1 : 37	5.30	21.26	21.29	80.34	698.79	3.10	49.29	Pass	Feed
12 / 2	9 : 33	5.30	21.15	21.13	74.53	824.92	3.57	49.28	Pass	Feed
12 / 3	7 : 37	5.30	20.94	20.95	78.75	713.98	3.14	49.23	Pass	Feed
12 / 5	7 : 44	5.30	21.02	21.06	219.06	122.30	0.40	66.59	Pass	Feed
12 / 6	6 : 28	5.30	21.01	21.03	214.00	119.63	0.42	59.33	Pass	Feed
12 / 7	10 : 27	5.30	21.10	21.11	62.06	929.87	5.14	47.61	Pass	Feed
12 / 8	8 : 37	5.30	21.06	21.08	75.78	782.45	3.44	47.53	Pass	Feed
12 / 9	7 : 33	5.30	21.19	21.22	69.91	910.78	4.09	46.95	Pass	Feed
12 / 10	7 : 36	5.30	21.09	21.12	80.57	597.26	3.05	47.37	Pass	Feed
12 / 12	8 : 9	5.30	21.21	21.23	180.67	109.15	0.60	61.07	Pass	Feed
12 / 13	1 : 49	5.30	21.04	21.07	65.93	795.73	4.54	46.54	Pass	Feed
12 / 14	10 : 9	5.30	21.30	21.34	80.80	563.54	3.10	45.60	Pass	Feed
12 / 15	7 : 12	5.30	21.24	21.29	152.70	197.62	0.85	56.05	Pass	Feed
12 / 16	7 : 49	5.30	21.08	21.09	63.01	819.30	5.00	45.93	Pass	Feed
12 / 17	7 : 39	5.30	21.12	21.17	71.09	624.08	3.98	41.45	Pass	Feed
12 / 19	8 : 49	5.30	21.17	21.22	56.00	914.42	6.40	44.03	Pass	Feed
12 / 20	7 : 25	5.30	21.15	21.20	56.06	932.20	6.37	44.37	Pass	Feed
12 / 21	8 : 58	5.30	21.37	21.42	152.61	193.67	0.86	51.61	Pass	Feed
12 / 22	1 : 24	5.30	21.15	21.18	88.56	547.91	2.56	43.66	Pass	Feed
12 / 23	8 : 38	5.30	21.19	21.24	116.07	296.46	1.50	41.73	Pass	Feed
12 / 24	7 : 55	5.30	21.19	21.25	115.20	262.30	1.52	42.84	Pass	Feed
12 / 25	2 : 35	5.30	21.15	21.19	111.49	266.01	1.61	44.44	Pass	Feed
12 / 26	10 : 27	5.30	21.08	21.09	156.18	191.19	0.80	53.31	Pass	Feed
12 / 27	8 : 28	5.30	21.05	21.08	62.50	805.05	5.06	46.77	Pass	Feed
12 / 28	8 : 17	5.30	21.10	21.15	62.90	684.61	5.03	45.60	Pass	Feed
12 / 29	7 : 27	5.30	21.10	21.15	67.27	626.60	4.39	45.76	Pass	Feed
12 / 30	9 : 12	5.30	21.09	21.10	59.86	728.26	5.55	45.47	Pass	Feed

Start Date 12/1/2022 End Date 12/31/2022

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
12 / 1	2 : 39	5.30	20.98	21.00	77.74	784.13	3.23	49.33	Pass	Feed
12 / 2	9 : 0	5.30	21.11	21.13	73.78	836.63	3.63	49.28	Pass	Feed
12 / 3	8 : 35	5.30	21.10	21.12	82.25	758.87	2.92	49.21	Pass	Feed
12 / 5	8 : 55	5.30	20.94	20.97	76.82	829.73	3.31	47.69	Pass	Feed
12 / 6	6 : 50	5.22	21.06	21.02	190.60	177.86	0.53	59.34	Pass	Feed
12 / 7	9 : 44	5.30	20.95	20.97	75.90	832.01	3.40	47.68	Pass	Feed
12 / 8	6 : 5	4.85	21.00	20.94	186.81	179.37	0.55	58.83	Pass	Feed
12 / 9	7 : 56	5.13	21.05	21.00	75.50	854.59	3.46	47.25	Pass	Feed
12 / 10	8 : 35	5.30	21.08	21.12	79.35	673.44	3.14	47.41	Pass	Feed
12 / 12	7 : 44	5.30	20.96	20.95	185.43	184.70	0.55	61.07	Pass	Feed
12 / 13	2 : 43	5.30	20.97	21.00	69.65	840.50	4.05	46.45	Pass	Feed
12 / 14	8 : 49	5.30	21.18	21.21	78.31	602.00	3.26	45.90	Pass	Feed
12 / 15	6 : 37	5.30	21.00	20.97	120.28	302.33	1.33	56.03	Pass	Feed
12 / 16	7 : 18	5.30	21.04	21.06	63.52	857.51	4.90	45.98	Pass	Feed
12 / 17	8 : 28	5.30	21.07	21.12	67.74	693.32	4.36	41.34	Pass	Feed
12 / 19	8 : 13	5.30	21.11	21.12	135.38	287.57	1.07	52.73	Pass	Feed
12 / 20	7 : 47	5.30	21.05	21.08	60.69	883.64	5.40	43.54	Pass	Feed
12 / 21	9 : 30	5.30	21.01	21.05	80.59	544.57	3.05	44.25	Pass	Feed
12 / 22	2 : 31	5.30	21.02	21.06	75.07	580.47	3.52	43.41	Pass	Feed
12 / 23	11 : 23	5.30	21.03	21.05	103.92	306.14	1.84	41.82	Pass	Feed
12 / 24	9 : 32	5.30	21.08	21.09	117.55	245.06	1.44	42.99	Pass	Feed
12 / 25	3 : 7	5.30	20.96	20.97	109.07	271.45	1.66	44.51	Pass	Feed
12 / 26	11 : 26	5.30	21.07	21.10	58.75	881.15	5.75	45.74	Pass	Feed
12 / 27	7 : 10	5.30	21.04	21.03	109.30	318.64	1.63	53.52	Pass	Feed
12 / 28	9 : 17	5.30	21.14	21.18	62.60	715.66	5.09	45.53	Pass	Feed
12 / 29	6 : 54	5.30	20.91	20.89	175.02	237.65	0.63	53.32	Pass	Feed
12 / 30	9 : 45	5.14	20.95	20.90	76.98	759.92	3.31	45.48	Pass	Feed

Start Date 12/1/2022 End Date 12/31/2022

Lebanon WTP MIT / LRV Test Results Report UF 3

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
12 / 1	3 : 22	5.30	21.11	21.15	78.88	734.97	3.18	49.30	Pass	Feed
12 / 2	10 : 0	5.30	21.04	21.04	72.56	884.56	3.73	49.28	Pass	Feed
12 / 3	9 : 42	5.30	21.10	21.15	80.21	757.03	3.07	49.05	Pass	Feed
12 / 5	8 : 13	5.30	21.18	21.23	78.13	784.38	3.27	48.06	Pass	Feed
12 / 6	7 : 11	5.30	21.09	21.14	76.71	818.17	3.36	48.82	Pass	Feed
12 / 7	8 : 19	5.30	21.20	21.26	78.10	817.56	3.27	48.76	Pass	Feed
12 / 8	6 : 35	5.30	21.06	21.10	185.96	179.56	0.56	58.82	Pass	Feed
12 / 9	8 : 41	5.30	21.09	21.14	79.93	764.54	3.10	47.62	Pass	Feed
12 / 10	9 : 33	5.30	21.04	21.09	80.90	657.41	3.01	47.45	Pass	Feed
12 / 12	8 : 34	5.30	20.95	21.00	73.06	803.72	3.66	48.32	Pass	Feed
12 / 13	3 : 26	5.30	21.13	21.18	67.95	862.80	4.31	46.36	Pass	Feed
12 / 14	9 : 39	5.30	21.07	21.13	79.91	599.43	3.11	45.59	Pass	Feed
12 / 15	7 : 32	5.30	21.12	21.17	80.84	583.50	3.04	46.61	Pass	Feed
12 / 16	9 : 1	5.30	21.13	21.14	64.90	816.59	4.74	45.35	Pass	Feed
12 / 17	9 : 26	5.30	21.14	21.19	72.04	690.36	3.88	41.31	Pass	Feed
12 / 19	7 : 47	5.30	21.04	21.07	169.35	181.31	0.68	52.73	Pass	Feed
12 / 20	6 : 55	5.30	21.21	21.27	161.93	175.05	0.76	51.62	Pass	Feed
12 / 21	10 : 0	5.30	21.16	21.22	59.66	1019.97	5.63	44.22	Pass	Feed
12 / 22	3 : 59	5.30	21.19	21.23	71.10	663.81	3.98	43.04	Pass	Feed
12 / 23	8 : 4	5.30	21.25	21.33	107.69	300.20	1.75	41.72	Pass	Feed
12 / 24	10 : 24	5.30	21.20	21.25	124.15	244.74	1.31	43.08	Pass	Feed
12 / 25	4 : 53	5.30	21.12	21.17	115.91	266.20	1.49	44.61	Pass	Feed
12 / 26	10 : 53	5.30	21.23	21.28	156.36	190.83	0.81	53.31	Pass	Feed
12 / 27	7 : 35	5.30	21.18	21.22	160.22	183.48	0.77	53.51	Pass	Feed
12 / 28	7 : 46	5.30	21.21	21.27	70.15	648.48	4.08	45.80	Pass	Feed
12 / 29	9 : 4	5.30	21.06	21.11	63.05	788.33	4.99	45.18	Pass	Feed
12 / 30	10 : 26	5.30	21.09	21.09	65.85	720.69	4.59	45.48	Pass	Feed

Start Date 12/1/2022 End Date 12/31/2022

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
12 / 1	4 : 47	5.30	21.09	21.13	78.32	767.42	3.22	49.36	Pass	Feed
12 / 2	10 : 25	5.30	20.95	20.93	73.85	854.76	3.57	49.29	Pass	Feed
12 / 3	10 : 32	5.30	21.06	21.10	76.44	799.33	3.37	48.81	Pass	Feed
12 / 5	9 : 34	5.30	21.00	21.03	76.01	796.98	3.40	47.47	Pass	Feed
12 / 6	8 : 45	5.30	21.04	21.08	75.10	834.39	3.49	47.88	Pass	Feed
12 / 7	9 : 4	5.30	21.03	21.07	92.10	604.62	2.32	47.89	Pass	Feed
12 / 8	7 : 51	5.30	21.06	21.10	77.42	776.28	3.29	47.81	Pass	Feed
12 / 9	8 : 18	5.30	21.00	21.04	202.58	197.96	0.48	50.53	Pass	Feed
12 / 10	10 : 33	5.30	20.97	21.01	80.78	655.79	3.00	47.54	Pass	Feed
12 / 12	10 : 33	5.30	21.03	21.07	76.36	784.04	3.38	46.98	Pass	Feed
12 / 13	6 : 29	5.30	20.96	20.98	69.18	858.53	4.10	46.32	Pass	Feed
12 / 14	8 : 21	5.30	21.01	21.06	88.52	504.69	2.52	46.39	Pass	Feed
12 / 15	7 : 59	5.30	21.04	21.09	92.86	591.55	2.29	46.35	Pass	Feed
12 / 16	8 : 15	5.30	20.97	20.96	67.60	882.81	4.30	45.90	Pass	Feed
12 / 17	10 : 58	5.30	21.12	21.16	78.83	687.25	3.23	41.25	Pass	Feed
12 / 19	9 : 25	5.30	20.98	21.02	69.16	855.71	4.13	43.30	Pass	Feed
12 / 20	6 : 29	5.30	20.97	20.99	167.18	226.40	0.70	51.62	Pass	Feed
12 / 21	10 : 25	5.30	21.03	21.08	67.11	840.50	4.40	44.21	Pass	Feed
12 / 22	4 : 25	5.30	21.13	21.16	79.11	597.34	3.20	42.93	Pass	Feed
12 / 23	7 : 35	5.30	21.06	21.13	120.54	295.86	1.37	41.71	Pass	Feed
12 / 24	10 : 48	5.30	21.03	21.08	118.42	279.22	1.42	43.12	Pass	Feed
12 / 25	5 : 15	5.30	21.04	21.07	125.46	273.77	1.26	44.59	Pass	Feed
12 / 26	12 : 13	5.30	20.98	21.01	65.93	847.47	4.53	45.80	Pass	Feed
12 / 27	9 : 4	5.30	20.99	21.02	67.03	791.13	4.37	46.77	Pass	Feed
12 / 28	7 : 21	5.30	21.03	21.06	70.93	661.83	3.92	46.28	Pass	Feed
12 / 29	6 : 17	5.30	20.93	20.93	72.99	604.76	3.68	45.56	Pass	Feed
12 / 30	10 : 53	5.30	20.93	20.92	61.49	767.30	5.19	45.48	Pass	Feed