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

County: Linn
Month/Year: 1/2023

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	OFF	OFF	OFF	OFF	0.000
2	OFF	OFF	0.015	0.015	0.015	OFF	0.042
3	OFF	OFF	0.015	0.016	0.015	OFF	0.026
4	OFF	OFF	0.015	0.016	0.017	0.015	0.031
5	0.017	0.015	0.015	OFF	OFF	OFF	0.017
6	OFF	OFF	OFF	OFF	0.015	0.015	0.017
7	0.015	0.015	0.015	0.015	0.015	0.015	0.021
8	OFF	OFF	OFF	OFF	OFF	OFF	0.000
9	OFF	OFF	0.015	0.015	0.015	OFF	0.037
10	OFF	OFF	0.015	0.015	0.015	0.015	0.028
11	OFF	OFF	0.016	0.017	0.015	0.015	0.035
12	0.017	0.017	0.015	OFF	OFF	OFF	0.017
13	OFF	OFF	OFF	OFF	0.017	0.017	0.054
14	0.017	0.017	0.017	0.017	0.017	0.017	0.018
15	OFF	OFF	OFF	OFF	OFF	OFF	0.000
16	OFF	OFF	0.015	0.017	0.015	OFF	0.032
17	OFF	OFF	0.017	0.017	0.017	OFF	0.024
18	OFF	OFF	0.015	0.015	0.015	0.017	0.030
19	0.017	0.017	0.017	OFF	OFF	OFF	0.017
20	OFF	OFF	OFF	OFF	0.017	0.015	0.034
21	0.017	0.015	0.017	0.017	0.017	0.017	0.017
22	OFF	OFF	OFF	OFF	OFF	OFF	0.000
23	OFF	OFF	0.017	0.015	0.017	OFF	0.035
24	OFF	OFF	0.017	0.017	0.017	0.017	0.026
25	OFF	OFF	0.017	0.017	0.017	0.017	0.024
26	0.017	0.017	0.015	OFF	OFF	OFF	0.017
27	OFF	OFF	OFF	OFF	0.015	0.015	0.034
28	0.015	0.015	0.015	0.015	0.015	0.015	0.017
29	0.017	0.017	0.015	0.015	0.017	0.017	0.017
30	0.017	0.017	0.017	0.017	0.017	0.017	0.016
31	0.017	0.017	0.015	0.017	0.017	0.017	0.019

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:** 2/2/23
PHONE #: 541-258-4274 **CERT #:** T-08683

[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: 1/2023

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]
1/1/2023 0:00								
1/2/2023 7:53	0.9	69	**64**	10	7.8	26	Yes	3262
1/3/2023 6:38	1.2	73	**89**	9	7.8	27	Yes	3256
1/4/2023 9:02	1.1	69	**78**	9	7.8	27	Yes	3302
1/5/2023 4:39	1.3	64	**82**	9	7.7	28	Yes	3238
1/6/2023 14:13	1.1	79	**87**	10	7.7	25	Yes	2724
1/7/2023 16:18	1.4	66	**90**	9	7.8	28	Yes	3166
1/8/2023 0:00								
1/9/2023 6:49	1.1	66	**75**	10	7.7	25	Yes	3392
1/10/2023 6:16	1.2	69	**83**	10	7.9	27	Yes	3324
1/11/2023 6:27	1.2	76	**90**	9	7.8	27	Yes	2627
1/12/2023 8:34	1.1	71	**82**	9	7.8	27	Yes	3201
1/13/2023 13:08	1.1	75	**81**	10	7.5	23	Yes	2981
1/14/2023 8:22	1.2	65	**76**	10	7.6	25	Yes	3112
1/15/2023 0:00								
1/16/2023 6:28	1.0	68	**67**	11	7.6	23	Yes	3181
1/17/2023 6:15	1.2	69	**81**	10	7.8	26	Yes	3277
1/18/2023 6:16	1.1	65	**75**	10	7.7	25	Yes	3210
1/19/2023 4:23	1.2	70	**86**	9	7.6	26	Yes	3227
1/20/2023 16:03	1.1	69	**74**	10	7.5	23	Yes	3281
1/21/2023 12:46	1.2	72	**83**	8	7.4	26	Yes	3131
1/22/2023 0:00								
1/23/2023 6:14	1.0	65	**67**	10	7.5	23	Yes	3389
1/24/2023 6:17	1.1	70	**75**	9	7.6	26	Yes	3139
1/25/2023 7:02	1.2	72	**86**	8	7.6	27	Yes	3016
1/26/2023 6:28	1.3	64	**86**	8	7.6	28	Yes	3188
1/27/2023 19:04	1.2	72	**90**	9	7.5	26	Yes	2866
1/28/2023 20:31	1.2	74	**87**	8	7.5	26	Yes	3002
1/29/2023 10:51	1.2	126	**146**	9	7.7	27	Yes	1645
1/30/2023 22:45	1.0	143	**148**	8	7.7	29	Yes	1448
1/31/2023 17:42	1.1	111	**126**	6	7.6	31	Yes	2118

[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:

1/30/2023 At 03:17 UF3 Had 0.463 NTU likely casued by large debris that lasted for 10 seconds.
Highest NTU for the day for UF3 was 0.015

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

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
1 / 2	8 : 10	5.30	21.16	21.20	170.04	192.35	0.68	56.65	Pass	Feed
1 / 3	8 : 1	5.30	21.19	21.24	68.82	744.72	4.24	44.76	Pass	Feed
1 / 4	8 : 58	5.30	21.14	21.19	78.55	557.50	3.24	44.31	Pass	Feed
1 / 5	1 : 56	5.30	21.24	21.28	75.55	604.44	3.53	44.68	Pass	Feed
1 / 6	7 : 22	5.30	20.97	20.97	65.46	763.93	4.60	45.01	Pass	Feed
1 / 7	7 : 56	5.30	21.14	21.18	89.70	615.76	2.48	45.26	Pass	Feed
1 / 9	7 : 30	5.30	21.15	21.20	171.79	196.35	0.66	55.11	Pass	Feed
1 / 10	7 : 18	5.30	21.14	21.18	70.58	768.99	4.01	45.67	Pass	Feed
1 / 11	8 : 21	5.30	21.26	21.32	64.94	858.74	4.79	44.99	Pass	Feed
1 / 12	1 : 48	5.30	21.27	21.31	95.94	546.79	2.20	45.14	Pass	Feed
1 / 13	9 : 36	5.30	21.00	20.99	73.08	792.91	3.69	45.35	Pass	Feed
1 / 14	7 : 43	5.30	21.11	21.14	87.21	507.48	2.62	45.66	Pass	Feed
1 / 16	9 : 38	5.30	21.08	21.11	71.06	740.98	3.94	44.97	Pass	Feed
1 / 17	6 : 32	5.30	21.12	21.16	154.21	193.18	0.82	53.85	Pass	Feed
1 / 18	8 : 21	5.30	21.15	21.21	62.43	868.44	5.12	45.67	Pass	Feed
1 / 19	1 : 40	5.30	21.18	21.23	71.38	789.96	3.94	44.51	Pass	Feed
1 / 20	8 : 2	5.30	21.20	21.21	62.79	864.42	5.10	44.19	Pass	Feed
1 / 21	7 : 42	5.30	21.22	21.30	68.90	759.89	4.26	42.94	Pass	Feed
1 / 23	7 : 34	5.30	21.21	21.27	146.09	218.94	0.93	53.37	Pass	Feed
1 / 24	6 : 31	5.30	21.21	21.26	150.84	193.75	0.87	52.31	Pass	Feed
1 / 25	9 : 23	5.30	21.22	21.28	72.60	619.08	3.84	42.45	Pass	Feed
1 / 26	1 : 23	5.30	21.14	21.20	67.29	714.37	4.43	42.92	Pass	Feed
1 / 27	7 : 42	5.30	21.25	21.30	60.62	746.75	5.52	42.65	Pass	Feed
1 / 28	1 : 25	5.30	21.18	21.23	67.51	704.18	4.41	43.63	Pass	Feed
1 / 29	2 : 26	5.30	21.26	21.32	93.72	367.29	2.30	44.21	Pass	Feed
1 / 30	7 : 25	5.30	21.24	21.33	103.24	302.75	1.91	39.64	Pass	Feed
1 / 31	3 : 22	5.30	21.24	21.32	118.17	201.78	1.46	40.02	Pass	Feed

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

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
1 / 2	8 : 50	5.30	20.96	20.98	69.06	808.44	4.11	46.77	Pass	Feed
1 / 3	6 : 39	5.30	20.95	20.94	129.60	284.18	1.15	54.94	Pass	Feed
1 / 4	9 : 52	5.30	21.06	21.14	68.86	770.13	4.19	44.30	Pass	Feed
1 / 5	2 : 22	5.30	21.17	21.21	71.11	689.44	3.97	44.69	Pass	Feed
1 / 6	7 : 53	5.30	21.10	21.12	66.24	810.01	4.54	44.99	Pass	Feed
1 / 7	9 : 33	5.30	21.09	21.13	72.70	663.68	3.76	45.25	Pass	Feed
1 / 9	9 : 16	5.30	21.02	21.05	64.43	806.45	4.76	45.12	Pass	Feed
1 / 10	8 : 39	5.30	21.06	21.11	65.23	787.17	4.67	44.36	Pass	Feed
1 / 11	9 : 12	5.30	21.00	21.05	76.42	574.42	3.38	44.71	Pass	Feed
1 / 12	2 : 41	5.30	21.06	21.09	77.58	562.20	3.30	45.16	Pass	Feed
1 / 13	10 : 7	5.30	21.04	21.00	62.14	827.02	5.12	45.35	Pass	Feed
1 / 14	9 : 42	5.30	21.06	21.08	95.79	556.86	2.16	45.61	Pass	Feed
1 / 16	7 : 24	5.30	21.04	21.06	143.13	292.48	0.95	55.29	Pass	Feed
1 / 17	7 : 27	5.30	21.06	21.09	72.84	780.72	3.74	45.36	Pass	Feed
1 / 18	8 : 46	5.30	21.17	21.20	68.77	674.91	4.23	45.16	Pass	Feed
1 / 19	2 : 48	5.30	21.03	21.08	66.39	805.59	4.50	44.48	Pass	Feed
1 / 20	7 : 22	5.30	21.05	21.07	63.14	812.32	4.98	44.18	Pass	Feed
1 / 21	9 : 1	5.30	20.98	21.02	66.24	753.60	4.51	42.89	Pass	Feed
1 / 23	9 : 48	5.30	21.03	21.08	64.54	771.20	4.78	42.33	Pass	Feed
1 / 24	6 : 58	5.30	21.01	21.00	114.88	298.44	1.48	52.32	Pass	Feed
1 / 25	8 : 26	5.30	21.14	21.19	119.03	278.26	1.39	51.21	Pass	Feed
1 / 26	2 : 30	5.30	21.13	21.18	83.92	750.44	2.85	42.92	Pass	Feed
1 / 27	8 : 9	5.30	21.07	21.05	75.15	810.73	3.53	42.65	Pass	Feed
1 / 28	2 : 23	5.30	20.99	21.03	77.19	744.29	3.32	43.57	Pass	Feed
1 / 29	3 : 16	5.30	21.05	21.06	103.01	377.24	1.87	44.09	Pass	Feed
1 / 30	7 : 54	5.30	21.02	21.08	106.43	373.62	1.76	39.60	Pass	Feed
1 / 31	2 : 29	5.30	21.14	21.14	147.38	191.00	0.93	40.13	Pass	Feed

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

Lebanon WTP MIT / LRV Test Results Report UF 3

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
1 / 2	10 : 54	5.30	21.14	21.21	80.23	771.17	3.11	44.68	Pass	Feed
1 / 3	7 : 32	5.30	21.11	21.16	76.49	787.53	3.40	45.53	Pass	Feed
1 / 4	10 : 27	5.30	21.07	21.13	73.35	792.27	3.70	44.34	Pass	Feed
1 / 5	3 : 36	5.30	21.19	21.25	79.01	669.20	3.22	44.75	Pass	Feed
1 / 6	8 : 15	5.30	21.10	21.10	71.35	796.69	3.91	45.00	Pass	Feed
1 / 7	9 : 57	5.30	21.10	21.15	80.23	679.14	3.09	45.25	Pass	Feed
1 / 9	8 : 25	5.30	21.08	21.13	68.24	798.09	4.27	45.12	Pass	Feed
1 / 10	6 : 35	5.30	21.05	21.11	161.56	176.58	0.75	53.87	Pass	Feed
1 / 11	10 : 11	5.30	21.14	21.19	70.11	778.82	4.07	44.68	Pass	Feed
1 / 12	3 : 24	5.30	21.05	21.10	78.40	580.99	3.22	45.17	Pass	Feed
1 / 13	8 : 13	5.30	21.05	21.05	64.58	861.86	4.75	45.35	Pass	Feed
1 / 14	10 : 33	5.30	21.10	21.15	82.08	533.90	2.95	45.62	Pass	Feed
1 / 16	8 : 3	5.30	21.01	21.07	68.28	735.58	4.23	45.41	Pass	Feed
1 / 17	6 : 54	5.30	21.14	21.19	143.78	189.91	0.95	53.85	Pass	Feed
1 / 18	9 : 31	5.30	21.11	21.16	66.37	833.65	4.52	45.15	Pass	Feed
1 / 19	3 : 19	5.30	21.06	21.11	64.08	787.16	4.84	44.42	Pass	Feed
1 / 20	8 : 55	5.30	21.02	21.02	64.43	788.92	4.77	44.18	Pass	Feed
1 / 21	9 : 41	5.30	21.10	21.16	63.74	778.15	4.92	42.77	Pass	Feed
1 / 23	9 : 4	5.30	21.14	21.21	64.62	760.78	4.81	42.40	Pass	Feed
1 / 24	8 : 53	5.30	21.17	21.23	65.20	743.85	4.74	41.82	Pass	Feed
1 / 25	9 : 57	5.30	21.07	21.14	59.41	812.73	5.66	42.41	Pass	Feed
1 / 26	3 : 44	5.30	21.15	21.21	68.70	739.97	4.26	42.93	Pass	Feed
1 / 27	9 : 11	5.30	21.10	21.14	64.03	841.67	4.88	42.64	Pass	Feed
1 / 28	3 : 34	5.30	21.11	21.17	68.22	743.36	4.30	43.52	Pass	Feed
1 / 29	3 : 59	5.30	21.05	21.11	96.55	356.12	2.13	43.94	Pass	Feed
1 / 30	9 : 30	5.30	21.20	21.28	125.97	202.39	1.28	38.79	Pass	Feed
1 / 31	5 : 15	5.30	21.18	21.25	129.35	192.82	1.21	39.86	Pass	Feed

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

Lebanon WTP MIT / LRV Test Results Report UF 4

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
1 / 2	10 : 27	5.30	20.92	20.96	66.61	738.57	4.42	44.70	Pass	Feed
1 / 3	7 : 9	5.30	21.05	21.09	158.72	229.13	0.77	54.93	Pass	Feed
1 / 4	8 : 34	5.30	21.08	21.12	154.65	228.24	0.82	53.10	Pass	Feed
1 / 5	4 : 22	5.30	21.01	21.06	85.14	671.90	2.73	44.78	Pass	Feed
1 / 6	9 : 5	5.30	20.90	20.90	74.22	857.86	3.55	45.01	Pass	Feed
1 / 7	10 : 44	5.30	20.97	21.01	71.92	848.23	3.80	45.26	Pass	Feed
1 / 9	7 : 56	5.30	21.11	21.14	70.56	786.27	4.00	45.23	Pass	Feed
1 / 10	7 : 40	5.30	21.04	21.10	71.47	757.08	3.88	44.88	Pass	Feed
1 / 11	8 : 48	5.30	21.15	21.20	80.80	593.90	3.06	44.71	Pass	Feed
1 / 12	4 : 26	5.30	20.96	21.00	78.38	604.32	3.20	45.22	Pass	Feed
1 / 13	7 : 43	5.30	20.95	20.93	64.86	846.40	4.67	45.35	Pass	Feed
1 / 14	10 : 53	5.30	21.06	21.09	80.80	582.21	3.04	45.63	Pass	Feed
1 / 16	8 : 52	5.30	21.03	21.07	68.13	784.08	4.26	45.06	Pass	Feed
1 / 17	7 : 48	5.30	20.99	21.04	67.20	779.19	4.37	45.22	Pass	Feed
1 / 18	9 : 6	5.30	21.10	21.14	70.37	789.45	4.02	45.17	Pass	Feed
1 / 19	4 : 24	5.30	21.13	21.17	65.77	798.47	4.62	44.36	Pass	Feed
1 / 20	8 : 28	5.30	21.09	21.08	63.93	781.37	4.88	44.18	Pass	Feed
1 / 21	10 : 24	5.30	21.03	21.11	66.56	770.78	4.49	42.72	Pass	Feed
1 / 23	8 : 7	5.30	21.00	21.06	65.25	789.58	4.66	42.68	Pass	Feed
1 / 24	7 : 18	5.30	21.03	21.10	65.66	770.42	4.60	43.45	Pass	Feed
1 / 25	8 : 56	5.30	21.00	21.05	82.71	521.42	2.90	42.49	Pass	Feed
1 / 26	4 : 51	5.30	21.01	21.06	67.99	768.60	4.29	42.89	Pass	Feed
1 / 27	8 : 45	5.30	20.96	20.98	64.85	788.34	4.70	42.65	Pass	Feed
1 / 28	4 : 32	5.30	20.98	21.04	69.54	734.62	4.09	43.49	Pass	Feed
1 / 29	4 : 33	5.30	20.98	21.02	108.70	350.35	1.67	43.78	Pass	Feed
1 / 30	8 : 18	5.30	21.10	21.19	78.04	551.75	3.31	39.14	Pass	Feed
1 / 31	4 : 25	5.30	21.09	21.14	143.15	201.76	0.98	39.95	Pass	Feed