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

County: Linn
Month/Year: 4/2022

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	OFF	0.013	0.015	0.015	0.039
2	0.015	0.015	0.015	0.015	0.013	OFF	0.017
3	OFF	OFF	OFF	OFF	OFF	OFF	0.000
4	OFF	OFF	0.015	0.015	0.015	0.015	0.039
5	0.015	0.015	0.015	OFF	OFF	OFF	0.017
6	OFF	OFF	OFF	OFF	0.013	0.015	0.045
7	0.015	0.015	0.013	OFF	OFF	OFF	0.017
8	OFF	OFF	OFF	OFF	0.015	0.015	0.049
9	0.015	0.015	0.013	0.015	0.015	OFF	0.017
10	OFF	OFF	OFF	OFF	OFF	OFF	0.000
11	OFF	OFF	OFF	0.015	0.015	0.015	0.039
12	0.015	0.013	0.015	OFF	OFF	OFF	0.026
13	OFF	OFF	OFF	OFF	0.013	0.013	0.043
14	0.013	0.013	0.013	OFF	OFF	OFF	0.013
15	OFF	OFF	OFF	OFF	0.011	0.013	0.043
16	0.013	0.013	0.013	0.013	0.013	OFF	0.013
17	OFF	OFF	OFF	OFF	OFF	OFF	0.000
18	OFF	OFF	0.011	0.013	0.013	0.013	0.030
19	0.013	0.013	0.013	OFF	OFF	OFF	0.013
20	OFF	OFF	OFF	OFF	0.013	0.013	0.035
21	0.013	0.013	0.011	OFF	OFF	OFF	0.013
22	OFF	OFF	OFF	0.013	0.013	0.013	0.039
23	0.013	0.013	0.013	0.013	0.013	0.013	0.013
24	OFF	OFF	OFF	OFF	OFF	OFF	0.000
25	OFF	OFF	OFF	0.013	0.013	0.013	0.030
26	0.013	0.013	0.013	OFF	OFF	OFF	0.013
27	OFF	OFF	OFF	OFF	0.013	0.013	0.041
28	0.013	0.013	0.013	OFF	OFF	OFF	0.013
29	OFF	OFF	OFF	OFF	0.013	0.013	0.028
30	0.013	0.013	0.013	0.013	0.013	OFF	0.015
31	No Data	No Data	No Data	No Data	No Data	No Data	No Data

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:

SIGNATURE: **DATE:**

PHONE #: **CERT #:**

[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

System Name: Lebanon, CITY OF ID#: 41-00473 Month/Year: 4/2022 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]
4/1/2022 10:53	0.8	84	71	11	7.4	20	Yes	2502
4/2/2022 5:06	1.1	71	75	13	7.9	22	Yes	3277
4/3/2022 0:00	-	-	-	-	-	-	-	-
4/4/2022 9:17	0.7	63	46	12	7.9	22	Yes	3428
4/5/2022 3:57	1.0	66	69	11	7.9	24	Yes	3311
4/6/2022 14:26	0.8	61	46	11	7.5	21	Yes	3392
4/7/2022 9:08	1.2	67	82	13	7.9	23	Yes	3273
4/8/2022 13:41	0.9	68	60	11	7.5	21	Yes	3366
4/9/2022 1:12	1.1	65	74	12	7.9	23	Yes	3395
4/10/2022 0:00	-	-	-	-	-	-	-	-
4/11/2022 9:44	0.8	68	51	12	7.9	23	Yes	3422
4/12/2022 3:00	1.0	64	65	10	7.9	26	Yes	3277
4/13/2022 13:44	0.8	60	46	11	7.4	21	Yes	3353
4/14/2022 1:11	1.1	59	63	10	7.7	25	Yes	3302
4/15/2022 15:31	0.7	66	49	11	7.4	21	Yes	3402
4/16/2022 19:23	1.2	68	81	12	7.8	24	Yes	3309
4/17/2022 0:00	-	-	-	-	-	-	-	-
4/18/2022 10:42	0.8	65	52	11	7.8	23	Yes	3439
4/19/2022 9:02	1.0	68	65	10	7.8	25	Yes	3292
4/20/2022 15:23	0.7	59	41	11	7.5	21	Yes	3409
4/21/2022 8:38	1.0	70	70	10	7.7	25	Yes	3281
4/22/2022 10:40	0.7	70	47	11	7.4	20	Yes	2860
4/23/2022 21:01	1.1	77	82	12	8.0	25	Yes	3172
4/24/2022 0:00	-	-	-	-	-	-	-	-
4/25/2022 10:15	0.6	63	40	12	8.3	25	Yes	3402
4/26/2022 6:40	1.1	70	76	12	7.7	22	Yes	3328
4/27/2022 15:13	0.8	65	50	12	7.4	20	Yes	3368
4/28/2022 8:39	1.1	65	69	12	7.9	23	Yes	3326
4/29/2022 15:08	0.8	48	37	11	7.3	19	Yes	4665
4/30/2022 17:47	0.9	62	55	12	7.9	22	Yes	3376
31	#N/A		#N/A	#N/A	#N/A	#N/A		#N/A

[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:

4/4/2022	UF2 spiked turbidity on plant startup 0.052 NTU. Highest turbidity of the day while the train was running 0.022 NTU at 14:43.
4/9/2022	UF4 spiked turbidity after an MIT 0.103 NTU. Highest turbidity of the day while the train was running 0.015 NTU at 09:40.
4/29/2022	UF3 spiked turbidity on plant startup 0.052 NTU. Highest turbidity of the day while the train was running 0.013 NTU.

Start Date 4/1/2022 End Date 4/30/2022

Lebanon WTP MIT / LRV Test Results Report UF 1

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: Temp F	4.0 Pass / Fail	MIT Type
4 / 1	7 : 51	5.30	21.18	21.19	63.33	944.74	4.97	47.79	Pass	Feed
4 / 2	7 : 27	5.30	21.23	21.26	88.32	567.40	2.56	48.61	Pass	Feed
4 / 4	9 : 37	5.19	21.30	21.27	219.59	112.13	0.41	52.25	Pass	Feed
4 / 5	3 : 42	5.30	21.19	21.21	65.46	849.20	4.65	48.35	Pass	Feed
4 / 6	9 : 56	4.96	21.21	21.14	64.81	1015.48	4.67	57.63	Pass	Feed
4 / 6	15 : 38	5.30	21.13	21.14	73.65	796.60	3.65	49.35	Pass	Feed
4 / 7	7 : 19	5.30	21.24	21.28	64.41	819.42	3.88	47.14	Pass	Feed
4 / 8	13 : 52	5.30	21.13	21.10	209.11	114.70	0.45	52.40	Pass	Feed
4 / 9	7 : 41	5.30	21.19	21.21	62.10	906.66	5.18	47.07	Pass	Feed
4 / 11	10 : 42	5.30	21.12	21.12	65.65	891.61	4.58	50.81	Pass	Feed
4 / 12	2 : 17	5.30	21.30	21.34	70.27	797.01	4.09	46.65	Pass	Feed
4 / 13	8 : 20	5.30	21.22	21.24	61.06	906.64	5.39	46.02	Pass	Feed
4 / 14	8 : 10	5.30	21.41	21.44	67.25	851.59	4.51	45.90	Pass	Feed
4 / 15	9 : 41	5.30	21.21	21.19	57.11	950.93	6.15	45.79	Pass	Feed
4 / 16	8 : 43	5.30	21.34	21.36	72.81	789.94	3.83	45.90	Pass	Feed
4 / 18	9 : 22	4.73	21.15	21.09	113.53	308.63	1.54	48.35	Pass	Feed
4 / 19	3 : 27	5.30	21.22	21.25	62.99	894.10	5.05	47.06	Pass	Feed
4 / 20	8 : 40	4.97	21.16	21.09	71.32	817.49	3.92	46.31	Pass	Feed
4 / 20	15 : 57	5.30	21.15	21.13	207.54	107.44	0.46	48.37	Pass	Feed
4 / 21	8 : 43	5.30	20.90	20.92	70.30	826.23	3.95	46.43	Pass	Feed
4 / 22	9 : 46	4.91	21.12	21.05	67.39	814.76	4.38	46.43	Pass	Feed
4 / 22	11 : 1	5.30	21.25	21.24	189.01	128.76	0.56	48.92	Pass	Feed
4 / 23	7 : 59	5.30	21.35	21.38	81.19	642.33	3.08	46.88	Pass	Feed
4 / 25	9 : 27	5.11	21.23	21.18	70.67	880.17	3.98	51.79	Pass	Feed
4 / 26	2 : 38	5.30	21.19	21.21	64.62	903.40	4.76	49.71	Pass	Feed
4 / 27	9 : 52	5.30	21.22	21.18	70.09	885.22	4.06	48.63	Pass	Feed
4 / 28	8 : 13	5.30	21.27	21.28	62.12	946.56	5.20	47.94	Pass	Feed
4 / 29	7 : 52	5.30	21.14	21.15	61.61	963.48	5.24	47.86	Pass	Feed
4 / 30	7 : 25	5.30	21.27	21.28	65.03	896.03	4.73	49.75	Pass	Feed

Start Date 4/1/2022 End Date 4/30/2022

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
4 / 1	10 : 34	5.30	21.18	21.16	178.64	182.14	0.62	50.70	Pass	Feed
4 / 2	9 : 10	5.30	21.14	21.15	84.72	604.48	2.77	47.97	Pass	Feed
4 / 4	8 : 49	5.30	21.15	21.13	106.01	457.60	1.76	51.96	Pass	Feed
4 / 5	2 : 49	5.30	21.12	21.14	68.69	855.35	4.20	48.04	Pass	Feed
4 / 6	9 : 6	5.30	21.18	21.16	70.43	830.12	3.99	51.50	Pass	Feed
4 / 7	7 : 41	5.30	21.12	21.14	72.70	894.27	4.44	47.12	Pass	Feed
4 / 8	7 : 19	5.30	21.07	21.07	66.73	894.27	4.44	47.12	Pass	Feed
4 / 9	7 : 19	5.30	20.98	21.01	73.36	814.17	3.65	47.17	Pass	Feed
4 / 11	9 : 55	5.30	21.18	21.18	184.92	175.01	0.58	50.36	Pass	Feed
4 / 12	3 : 8	5.30	21.29	21.31	71.37	802.59	3.96	46.60	Pass	Feed
4 / 13	8 : 46	5.30	21.06	21.05	65.19	887.02	4.66	46.02	Pass	Feed
4 / 14	7 : 45	5.30	21.16	21.19	64.87	934.46	4.75	46.00	Pass	Feed
4 / 15	7 : 35	5.30	21.07	21.05	62.37	941.57	5.10	45.79	Pass	Feed
4 / 16	7 : 40	5.30	21.09	21.12	71.79	791.66	3.85	46.07	Pass	Feed
4 / 18	9 : 44	5.30	21.14	21.11	119.35	311.83	1.39	48.35	Pass	Feed
4 / 19	2 : 47	5.30	21.15	21.16	72.47	803.22	3.79	47.13	Pass	Feed
4 / 20	8 : 16	5.30	21.14	21.15	71.59	815.91	3.89	46.31	Pass	Feed
4 / 21	8 : 23	5.30	21.15	21.17	66.50	916.37	4.51	46.44	Pass	Feed
4 / 22	8 : 30	5.30	21.10	21.09	64.00	948.08	4.85	46.43	Pass	Feed
4 / 23	7 : 20	5.30	20.85	20.88	82.59	651.74	2.85	47.04	Pass	Feed
4 / 25	8 : 43	5.30	21.24	21.22	77.65	874.69	3.30	51.78	Pass	Feed
4 / 26	3 : 46	5.30	21.29	21.30	76.89	802.43	3.39	49.61	Pass	Feed
4 / 27	9 : 15	5.30	21.18	21.16	76.32	888.13	3.42	48.63	Pass	Feed
4 / 28	7 : 49	5.30	21.05	21.07	75.66	866.64	3.44	47.96	Pass	Feed
4 / 29	8 : 54	5.30	21.21	21.20	72.21	905.50	3.83	47.88	Pass	Feed
4 / 30	8 : 23	5.30	21.22	21.25	76.80	819.47	3.38	49.72	Pass	Feed

Start Date 4/1/2022 End Date 4/30/2022

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	4.0 Pass / Fail	MIT Type
4 / 1	10 : 59	5.30	21.19	21.19	171.31	185.12	0.68	50.70	Pass	Feed
4 / 2	8 : 1	5.30	21.26	21.27	90.43	591.79	2.45	48.42	Pass	Feed
4 / 4	8 : 23	5.30	21.14	21.11	105.42	442.12	1.77	51.92	Pass	Feed
4 / 5	2 : 25	5.30	21.29	21.32	77.38	776.12	3.36	47.95	Pass	Feed
4 / 6	8 : 41	5.30	21.16	21.15	70.10	916.50	4.02	51.54	Pass	Feed
4 / 7	8 : 3	5.30	21.32	21.34	75.79	854.45	3.34	47.14	Pass	Feed
4 / 8	8 : 14	5.30	21.30	21.29	77.68	854.45	3.34	47.14	Pass	Feed
4 / 9	8 : 10	5.30	21.36	21.38	78.68	772.83	3.28	47.03	Pass	Feed
4 / 9	8 : 10	5.30	21.36	21.38	78.68	772.83	3.28	47.03	Pass	Feed
4 / 11	9 : 20	5.30	21.23	21.21	102.22	467.13	1.90	50.91	Pass	Feed
4 / 12	3 : 59	5.30	21.20	21.24	72.58	812.22	3.80	46.46	Pass	Feed
4 / 13	9 : 14	5.30	21.23	21.23	75.37	786.62	3.54	46.02	Pass	Feed
4 / 14	7 : 23	5.30	21.12	21.16	69.47	850.19	4.13	46.02	Pass	Feed
4 / 15	8 : 1	5.30	21.15	21.13	70.19	817.38	4.05	45.76	Pass	Feed
4 / 16	7 : 16	5.30	21.31	21.33	76.28	799.31	3.48	46.17	Pass	Feed
4 / 18	8 : 52	5.30	21.25	21.23	119.57	311.11	1.40	48.30	Pass	Feed
4 / 19	2 : 26	5.30	21.18	21.20	73.60	786.89	3.69	47.21	Pass	Feed
4 / 20	9 : 5	5.30	21.25	21.24	73.55	881.58	3.72	46.29	Pass	Feed
4 / 21	7 : 18	5.30	21.15	21.17	70.54	840.32	4.01	46.54	Pass	Feed
4 / 22	8 : 6	5.30	21.20	21.20	70.82	832.28	3.99	46.46	Pass	Feed
4 / 23	9 : 2	5.30	21.28	21.30	94.02	503.16	2.28	46.77	Pass	Feed
4 / 25	8 : 16	5.30	21.25	21.24	79.59	774.66	3.14	51.85	Pass	Feed
4 / 26	2 : 17	5.30	21.18	21.19	78.61	786.66	3.22	49.75	Pass	Feed
4 / 27	8 : 21	5.30	21.20	21.20	74.55	838.13	3.59	48.65	Pass	Feed
4 / 28	7 : 22	5.30	21.28	21.30	77.96	828.41	3.31	48.03	Pass	Feed
4 / 29	10 : 26	5.30	21.06	21.05	73.60	937.71	3.64	47.91	Pass	Feed
4 / 30	7 : 48	5.30	21.33	21.34	77.81	785.52	3.32	49.70	Pass	Feed

Start Date 4/1/2022 End Date 4/30/2022

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
4 / 1	11 : 22	5.30	21.20	21.21	202.31	182.39	0.49	50.70	Pass	Feed
4 / 2	8 : 21	5.30	20.75	20.78	87.20	611.99	2.53	48.22	Pass	Feed
4 / 4	7 : 57	5.30	21.09	21.07	112.92	416.03	1.54	51.97	Pass	Feed
4 / 5	3 : 16	5.30	21.25	21.27	73.48	824.28	3.71	48.28	Pass	Feed
4 / 6	8 : 17	5.30	21.01	21.01	66.25	938.10	4.44	51.50	Pass	Feed
4 / 7	8 : 28	5.30	21.09	21.11	75.89	891.16	3.68	47.14	Pass	Feed
4 / 8	8 : 51	5.30	20.97	20.96	72.95	891.16	3.68	47.14	Pass	Feed
4 / 9	8 : 53	5.30	21.25	21.26	79.32	824.77	3.19	46.87	Pass	Feed
4 / 11	8 : 55	5.30	21.06	21.04	112.03	458.38	1.56	50.95	Pass	Feed
4 / 12	2 : 40	5.30	21.09	21.12	68.86	889.23	4.18	46.62	Pass	Feed
4 / 13	9 : 38	5.30	21.06	21.05	75.42	882.79	3.48	46.02	Pass	Feed
4 / 14	8 : 33	5.30	21.10	21.12	70.42	929.97	4.01	45.85	Pass	Feed
4 / 15	8 : 28	5.30	21.15	21.15	69.49	950.48	4.14	45.79	Pass	Feed
4 / 16	8 : 0	5.30	21.09	21.13	76.33	801.74	3.41	46.04	Pass	Feed
4 / 18	8 : 29	5.30	21.24	21.23	134.43	312.91	1.11	48.35	Pass	Feed
4 / 19	4 : 24	5.30	21.17	21.18	74.48	844.74	3.60	46.94	Pass	Feed
4 / 20	9 : 34	5.30	21.07	21.06	72.28	926.28	3.79	46.29	Pass	Feed
4 / 21	7 : 59	5.30	21.24	21.27	71.00	866.53	3.99	46.50	Pass	Feed
4 / 22	7 : 42	5.30	21.02	21.01	70.82	874.53	3.93	46.43	Pass	Feed
4 / 23	8 : 24	5.30	21.16	21.18	84.45	661.04	2.80	46.85	Pass	Feed
4 / 25	7 : 29	5.30	21.17	21.16	73.27	900.69	3.68	51.84	Pass	Feed
4 / 26	3 : 4	5.30	21.21	21.22	79.03	796.43	3.19	49.68	Pass	Feed
4 / 27	8 : 43	5.30	21.03	21.02	75.28	871.27	3.47	48.63	Pass	Feed
4 / 28	8 : 41	5.30	21.30	21.32	75.56	866.60	3.53	47.93	Pass	Feed
4 / 29	9 : 17	5.30	21.05	21.04	75.35	879.40	3.47	47.87	Pass	Feed
4 / 30	9 : 4	5.30	21.04	21.04	77.34	805.20	3.28	49.69	Pass	Feed