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

County: Linn
Month/Year: 4/2021

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	0.021	0.018	0.024	OFF	OFF	OFF	0.029
2	OFF	OFF	OFF	0.020	0.020	0.020	0.031
3	0.020	0.020	0.019	0.018	0.022	0.020	0.027
4	0.020	0.017	0.019	OFF	OFF	OFF	0.025
5	OFF	OFF	0.019	0.018	0.018	0.020	0.030
6	0.020	0.018	0.020	0.018	OFF	OFF	0.027
7	OFF	OFF	0.018	0.019	0.018	0.018	0.023
8	0.018	0.018	0.018	0.022	OFF	OFF	0.034
9	OFF	OFF	OFF	OFF	0.018	0.018	0.025
10	0.018	0.019	0.019	0.019	0.019	0.019	0.025
11	0.019	0.019	0.018	OFF	OFF	OFF	0.023
12	OFF	OFF	OFF	0.018	0.020	0.031	0.040
13	0.033	0.027	0.035	OFF	OFF	OFF	0.081
14	OFF	OFF	OFF	0.020	0.018	0.022	0.032
15	0.024	0.024	0.022	OFF	OFF	OFF	0.036
16	OFF	OFF	0.018	0.018	0.020	0.024	0.031
17	0.026	0.026	0.018	0.019	0.019	0.018	0.038
18	0.018	0.018	0.018	OFF	OFF	OFF	0.024
19	OFF	OFF	0.019	0.020	0.020	0.024	0.035
20	0.022	0.020	0.033	OFF	OFF	OFF	0.058
21	OFF	OFF	OFF	0.019	0.013	0.015	0.045
22	0.015	0.013	0.020	OFF	OFF	OFF	0.040
23	OFF	OFF	OFF	0.015	0.013	0.013	0.020
24	0.013	0.013	0.013	0.013	0.013	0.013	0.018
25	0.013	0.013	0.013	OFF	OFF	OFF	0.018
26	OFF	OFF	OFF	0.013	0.015	0.009	0.020
27	0.013	0.013	0.015	0.019	OFF	OFF	0.023
28	OFF	OFF	OFF	0.017	0.051	0.040	0.058
29	0.026	0.027	0.017	0.024	OFF	OFF	0.045
30	OFF	OFF	OFF	0.015	0.015	0.015	0.021
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: Chris Germond
SIGNATURE: Chris Germond **DATE:** 5-4-21
PHONE #: 541-405-5970 **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

Notes:

4/21:	Plant Shutdown at 13:49 @ 0.100 NTU caused by lint on the vial. Train turbidities at the time were:
	UF1 0.021, UF2 0.015, UF3 0.028, UF4 0.013. Highest Filtrate NTU of the day was 0.045.

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP:	WTP-B

System Name: Lebanon, CITY OF ID#: 41-00473 Month/Year: 4/2021

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]
4/1/2021 4:53	0.9	74	66	11	8.2	27	Yes	3329
4/2/2021 14:00	0.8	75	58	10	7.3	21	Yes	3307
4/3/2021 18:05	0.7	75	55	12	8.2	25	Yes	3283
4/4/2021 1:31	0.8	81	63	12	8.1	25	Yes	3034
4/5/2021 7:26	0.8	75	58	11	7.4	20	Yes	3252
4/6/2021 1:44	0.8	76	62	12	7.9	23	Yes	3199
4/7/2021 9:50	0.6	77	48	11	7.3	20	Yes	3219
4/8/2021 1:28	0.7	72	54	11	7.8	24	Yes	3373
4/9/2021 12:20	0.7	76	50	11	7.4	20	Yes	3211
4/10/2021 14:07	0.7	74	49	12	8.0	23	Yes	3294
4/11/2021 1:47	0.8	73	58	11	7.7	23	Yes	3345
4/12/2021 11:51	0.7	75	55	10	7.3	20	Yes	3290
4/13/2021 2:04	0.9	76	67	12	7.8	22	Yes	3211
4/14/2021 11:38	0.7	72	47	11	7.3	19	Yes	3429
4/15/2021 8:03	0.8	75	63	13	7.8	20	Yes	3307
4/16/2021 8:13	0.7	72	47	12	7.3	18	Yes	3430
4/17/2021 1:01	0.5	73	40	14	7.9	19	Yes	3338
4/18/2021 5:30	0.9	77	66	15	7.9	19	Yes	3182
4/19/2021 10:32	0.6	72	45	14	7.4	16	Yes	3418
4/20/2021 10:06	0.6	74	44	14	7.9	19	Yes	3329
4/21/2021 16:43	0.7	72	51	13	7.3	17	Yes	3389
4/22/2021 9:53	0.7	73	48	15	7.9	18	Yes	3352
4/23/2021 12:22	0.8	77	58	12	7.4	18	Yes	3215
4/24/2021 17:06	0.9	74	67	17	7.5	15	Yes	3317
4/25/2021 5:06	0.8	75	61	15	7.5	15	Yes	3252
4/26/2021 11:35	0.8	72	57	15	7.4	15	Yes	3391
4/27/2021 3:46	1.0	75	73	17	7.4	14	Yes	3252
4/28/2021 10:16	0.8	72	59	16	7.4	14	Yes	3410
4/29/2021 8:02	0.9	74	69	18	7.4	13	Yes	3326
4/30/2021 11:23	0.8	73	59	17	7.4	13	Yes	3387

[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:

4/23:	CT Cl-17 free chlorine dropped out at 12:23 to 0 mg/L by adjusting flow to board. Grab sample was 0.76 mg/L.
	CT CL-17 free chlorine dropped out at 13:30 to 0 mg/L by adjusting flow to board. Grab sample was 0.95 mg/L.

Start Date 4/1/2021 End Date 4/30/2021

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
4 / 1	3 : 4	5.18	21.58	21.56	43.72	654.70	10.71	51.23	Pass	Feed
4 / 1	8 : 19	5.30	21.45	21.44	33.81	779.90	17.82	48.53	Pass	Feed
4 / 2	12 : 22	4.98	21.46	21.45	81.04	198.34	3.08	53.29	Pass	Feed
4 / 2	14 : 20	5.30	21.56	21.56	35.96	613.07	15.86	49.79	Pass	Feed
4 / 3	9 : 22	5.30	21.26	21.26	34.69	620.77	16.66	48.78	Pass	Feed
4 / 4	4 : 19	4.92	21.21	21.20	38.42	470.95	13.45	51.68	Pass	Feed
4 / 4	9 : 29	4.68	21.11	21.09	41.36	423.63	11.54	50.07	Pass	Feed
4 / 5	8 : 34	4.61	21.33	21.29	42.56	477.90	11.10	49.98	Pass	Feed
4 / 5	15 : 9	5.30	21.43	21.43	43.86	589.38	10.56	49.33	Pass	Feed
4 / 6	11 : 4	5.30	21.33	21.33	40.24	495.93	12.47	48.07	Pass	Feed
4 / 7	10 : 52	5.30	21.28	21.28	40.24	520.54	14.37	48.46	Pass	Feed
4 / 8	1 : 32	5.30	21.37	21.36	40.24	494.26	13.18	50.43	Pass	Feed
4 / 9	6 : 23	5.30	21.32	21.29	33.23	706.96	18.20	49.62	Pass	Feed
4 / 10	9 : 55	5.30	21.37	21.35	33.23	460.56	4.23	49.23	Pass	Feed
4 / 11	1 : 32	4.87	21.62	21.57	69.33	462.39	4.28	50.43	Pass	Feed
4 / 12	12 : 52	5.30	21.41	21.42	69.33	611.26	5.91	48.76	Pass	Feed
4 / 13	7 : 21	5.30	21.12	21.11	69.33	830.38	8.24	50.25	Pass	Feed
4 / 14	12 : 27	5.30	21.32	21.33	69.33	717.54	7.69	50.08	Pass	Feed
4 / 15	3 : 1	5.30	21.34	21.33	69.33	813.01	9.95	54.31	Pass	Feed
4 / 16	6 : 42	5.30	21.34	21.32	127.64	180.03	1.22	55.47	Pass	Feed
4 / 17	7 : 24	5.30	21.49	21.47	50.63	769.73	7.88	54.36	Pass	Feed
4 / 18	2 : 28	4.54	21.24	21.16	53.99	631.08	6.74	57.97	Pass	Feed
4 / 19	9 : 30	5.30	21.31	21.28	47.19	754.20	8.96	53.03	Pass	Feed
4 / 20	1 : 29	5.22	21.28	21.24	57.14	722.47	6.05	57.30	Pass	Feed
4 / 21	6 : 21	4.89	21.23	21.18	55.56	616.74	6.43	52.54	Pass	Feed
4 / 22	3 : 47	5.30	21.33	21.30	56.61	745.19	6.19	56.83	Pass	Feed
4 / 23	12 : 11	5.30	21.42	21.41	56.61	134.12	0.76	56.22	Pass	Feed
4 / 24	6 : 46	5.30	21.46	21.43	71.92	499.23	3.90	53.86	Pass	Feed
4 / 25	3 : 20	5.30	21.33	21.31	71.92	574.54	5.24	53.07	Pass	Feed
4 / 26	11 : 41	5.30	21.25	21.25	71.92	771.12	6.52	51.75	Pass	Feed
4 / 27	2 : 56	5.30	21.44	21.42	71.92	664.52	5.85	55.45	Pass	Feed
4 / 28	10 : 55	5.30	21.28	21.28	71.92	785.01	7.12	52.57	Pass	Feed
4 / 29	8 : 3	5.30	21.23	21.22	71.92	823.58	6.37	52.90	Pass	Feed
4 / 30	11 : 25	5.30	21.31	21.29	159.13	135.51	0.78	57.46	Pass	Feed

Start Date 4/1/2021 End Date 4/30/2021

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
4 / 1	2 : 4	5.30	21.29	21.28	50.54	587.68	7.82	51.73	Pass	Feed
4 / 2	13 : 2	5.30	21.55	21.54	48.22	642.35	8.81	50.01	Pass	Feed
4 / 3	6 : 58	5.11	21.20	21.19	47.92	620.09	8.66	49.99	Pass	Feed
4 / 3	17 : 24	5.30	21.33	21.32	56.35	451.97	6.32	51.26	Pass	Feed
4 / 4	1 : 25	5.05	21.40	21.39	56.09	457.59	6.40	52.67	Pass	Feed
4 / 4	5 : 54	5.14	21.35	21.34	57.32	440.41	6.12	51.06	Pass	Feed
4 / 5	7 : 48	5.00	21.47	21.45	79.88	288.59	3.17	53.43	Pass	Feed
4 / 5	14 : 16	5.30	21.42	21.42	79.88	570.13	9.07	48.40	Pass	Feed
4 / 6	1 : 36	5.15	21.42	21.40	44.44	625.85	10.21	52.21	Pass	Feed
4 / 6	11 : 34	5.30	21.30	21.29	69.02	544.60	4.22	48.07	Pass	Feed
4 / 7	9 : 53	5.30	21.41	21.40	64.19	528.06	4.93	48.67	Pass	Feed
4 / 8	2 : 10	5.30	21.35	21.34	64.19	530.98	5.21	50.41	Pass	Feed
4 / 9	12 : 15	5.30	21.37	21.35	64.19	299.17	2.29	51.39	Pass	Feed
4 / 10	12 : 3	5.30	21.53	21.52	64.19	456.30	3.92	49.11	Pass	Feed
4 / 11	3 : 35	5.30	21.34	21.33	64.19	460.69	3.93	49.94	Pass	Feed
4 / 12	11 : 22	5.30	21.22	21.21	64.19	249.72	1.90	52.35	Pass	Feed
4 / 13	1 : 29	5.30	21.30	21.28	64.19	670.25	5.80	53.16	Pass	Feed
4 / 14	12 : 3	5.30	21.50	21.50	64.19	249.30	1.75	52.91	Pass	Feed
4 / 15	2 : 18	5.30	21.32	21.30	64.19	765.71	6.90	54.58	Pass	Feed
4 / 16	7 : 7	5.30	21.43	21.41	64.19	258.83	1.84	55.47	Pass	Feed
4 / 17	7 : 0	5.30	21.52	21.51	64.19	747.39	6.27	54.55	Pass	Feed
4 / 18	3 : 36	5.30	21.20	21.18	64.19	651.41	5.34	57.27	Pass	Feed
4 / 19	7 : 53	5.30	21.31	21.30	64.19	663.25	4.72	54.99	Pass	Feed
4 / 20	2 : 55	5.30	21.27	21.25	64.19	792.78	6.54	57.07	Pass	Feed
4 / 21	7 : 41	5.30	21.35	21.32	63.69	776.74	4.94	52.55	Pass	Feed
4 / 22	2 : 18	5.30	21.35	21.33	63.69	793.51	5.67	57.76	Pass	Feed
4 / 23	13 : 14	5.30	21.27	21.27	63.69	542.80	3.55	51.93	Pass	Feed
4 / 24	6 : 18	5.30	21.35	21.33	63.69	531.98	3.52	54.10	Pass	Feed
4 / 25	4 : 40	5.30	21.28	21.26	63.69	432.50	2.74	52.87	Pass	Feed
4 / 26	11 : 13	5.30	21.41	21.41	63.69	751.09	5.16	52.84	Pass	Feed
4 / 27	2 : 23	5.30	21.43	21.41	63.69	616.49	3.87	55.65	Pass	Feed
4 / 28	9 : 58	5.30	21.47	21.46	63.69	270.30	1.61	56.24	Pass	Feed
4 / 29	7 : 38	5.30	21.25	21.24	63.69	793.65	5.71	53.25	Pass	Feed
4 / 30	12 : 28	5.30	21.05	21.05	63.69	600.80	3.96	53.86	Pass	Feed

Start Date 4/1/2021 End Date 4/30/2021

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
4 / 1	2 : 27	5.16	21.48	21.46	56.42	594.81	6.38	51.53	Pass	Feed
4 / 1	7 : 24	5.30	21.18	21.17	49.94	713.35	7.98	49.01	Pass	Feed
4 / 2	11 : 55	5.06	21.16	21.15	106.51	199.63	1.74	53.29	Pass	Feed
4 / 2	13 : 53	5.30	21.30	21.29	50.13	641.63	7.98	49.73	Pass	Feed
4 / 3	7 : 27	5.11	21.42	21.40	53.35	630.40	7.12	49.71	Pass	Feed
4 / 3	16 : 49	5.30	21.31	21.30	61.82	470.36	5.24	50.99	Pass	Feed
4 / 4	3 : 5	5.01	21.18	21.16	63.33	454.53	4.93	52.43	Pass	Feed
4 / 5	7 : 26	4.92	21.28	21.26	100.09	193.40	1.98	53.43	Pass	Feed
4 / 5	14 : 42	5.30	21.54	21.53	56.14	591.29	6.51	49.09	Pass	Feed
4 / 6	2 : 5	4.92	21.53	21.50	53.83	572.13	7.03	51.98	Pass	Feed
4 / 6	12 : 4	5.30	21.33	21.33	48.01	625.93	8.76	48.05	Pass	Feed
4 / 7	6 : 29	4.69	21.25	21.23	99.61	199.92	2.00	52.87	Pass	Feed
4 / 7	11 : 19	5.30	21.31	21.30	99.61	505.91	3.16	48.45	Pass	Feed
4 / 8	2 : 39	5.30	21.24	21.22	99.61	519.50	3.68	50.41	Pass	Feed
4 / 9	9 : 19	5.30	21.29	21.27	99.61	715.66	5.52	49.59	Pass	Feed
4 / 10	8 : 51	5.30	21.25	21.23	99.61	464.08	2.97	49.77	Pass	Feed
4 / 11	2 : 25	5.30	21.26	21.24	99.61	179.74	1.08	50.44	Pass	Feed
4 / 12	11 : 52	5.30	21.53	21.51	99.61	192.46	1.20	52.35	Pass	Feed
4 / 13	1 : 56	5.30	21.43	21.40	61.31	748.93	5.36	53.03	Pass	Feed
4 / 14	13 : 2	5.30	21.29	21.30	61.31	721.23	4.66	50.47	Pass	Feed
4 / 15	1 : 23	5.30	21.20	21.18	61.31	826.35	6.23	55.02	Pass	Feed
4 / 16	8 : 17	5.30	21.31	21.30	61.31	516.46	3.26	52.21	Pass	Feed
4 / 17	7 : 56	5.30	21.16	21.14	61.31	752.57	5.15	54.02	Pass	Feed
4 / 18	1 : 35	5.30	21.32	21.30	61.31	600.64	3.52	58.23	Pass	Feed
4 / 19	8 : 46	5.30	21.39	21.38	61.31	748.57	4.73	53.76	Pass	Feed
4 / 20	2 : 27	5.30	21.22	21.20	61.31	659.40	4.21	57.12	Pass	Feed
4 / 21	7 : 13	5.30	21.37	21.35	64.55	686.36	4.82	52.54	Pass	Feed
4 / 22	1 : 25	5.30	21.32	21.30	64.55	702.09	3.63	58.09	Pass	Feed
4 / 23	12 : 45	5.30	21.10	21.10	64.55	536.32	3.10	52.94	Pass	Feed
4 / 24	7 : 28	5.30	21.43	21.40	81.95	534.95	3.00	53.56	Pass	Feed
4 / 25	1 : 27	5.30	21.19	21.17	81.95	530.80	3.03	53.33	Pass	Feed
4 / 26	10 : 15	5.30	21.33	21.31	81.95	181.05	0.72	56.32	Pass	Feed
4 / 27	1 : 20	5.30	21.34	21.31	77.15	618.50	3.34	56.01	Pass	Feed
4 / 28	10 : 20	5.30	21.19	21.18	77.15	717.11	3.80	53.89	Pass	Feed
4 / 29	6 : 43	5.30	21.20	21.19	77.15	727.20	4.08	54.16	Pass	Feed
4 / 30	13 : 8	5.30	21.22	21.22	77.15	606.95	3.33	52.86	Pass	Feed

Start Date	End Date
4/1/2021	4/30/2021

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
4 / 1	1 : 24	5.30	21.22	21.21	48.66	660.73	8.38	51.82	Pass	Feed
4 / 2	14 : 53	5.30	21.45	21.44	51.09	635.93	7.78	50.22	Pass	Feed
4 / 3	8 : 19	5.24	21.24	21.23	52.35	602.06	7.29	49.30	Pass	Feed
4 / 4	1 : 51	5.02	21.35	21.33	61.64	466.97	5.28	52.48	Pass	Feed
4 / 4	7 : 47	5.06	21.40	21.38	62.49	422.83	5.17	50.55	Pass	Feed
4 / 5	12 : 1	5.30	21.30	21.31	62.49	494.83	6.46	47.69	Pass	Feed
4 / 6	2 : 50	5.11	21.47	21.46	49.59	594.58	8.25	51.70	Pass	Feed
4 / 6	12 : 29	5.30	21.52	21.52	49.59	627.42	8.40	48.07	Pass	Feed
4 / 7	10 : 22	5.30	21.04	21.04	49.59	509.20	6.30	48.60	Pass	Feed
4 / 8	3 : 48	5.30	21.14	21.13	49.59	533.02	6.26	50.24	Pass	Feed
4 / 9	12 : 43	5.30	21.36	21.35	49.59	228.24	1.10	51.39	Pass	Feed
4 / 10	7 : 38	5.30	21.19	21.18	49.59	462.76	3.04	50.33	Pass	Feed
4 / 11	2 : 52	5.30	21.48	21.46	49.59	471.34	3.26	50.20	Pass	Feed
4 / 12	12 : 21	5.30	21.39	21.39	49.59	453.09	2.89	49.55	Pass	Feed
4 / 13	2 : 23	5.30	21.29	21.27	49.59	745.81	5.68	52.94	Pass	Feed
4 / 14	11 : 38	5.30	21.24	21.25	49.59	224.48	1.25	52.91	Pass	Feed
4 / 15	1 : 53	5.30	21.33	21.31	49.59	761.64	5.97	54.75	Pass	Feed
4 / 16	7 : 29	5.30	21.14	21.13	49.59	231.91	1.26	55.46	Pass	Feed
4 / 17	8 : 23	5.30	21.28	21.28	49.59	770.21	5.75	53.64	Pass	Feed
4 / 18	2 : 3	5.30	21.30	21.29	49.59	662.93	4.84	57.98	Pass	Feed
4 / 19	7 : 3	5.30	21.13	21.12	49.59	233.91	1.00	59.41	Pass	Feed
4 / 20	1 : 57	5.30	21.29	21.27	49.59	662.42	5.02	57.20	Pass	Feed
4 / 21	6 : 47	5.30	21.28	21.25	63.74	670.10	4.90	52.54	Pass	Feed
4 / 22	3 : 3	5.30	21.22	21.21	63.74	724.70	4.92	57.07	Pass	Feed
4 / 23	11 : 46	5.30	21.12	21.11	63.74	234.18	1.02	56.22	Pass	Feed
4 / 24	9 : 20	5.30	21.38	21.37	63.74	581.56	3.46	52.41	Pass	Feed
4 / 25	2 : 23	5.30	21.07	21.06	63.74	564.48	3.20	53.20	Pass	Feed
4 / 26	10 : 41	5.30	21.37	21.37	63.74	223.86	0.82	56.32	Pass	Feed
4 / 27	1 : 59	5.30	21.19	21.18	63.74	707.13	4.36	55.73	Pass	Feed
4 / 28	9 : 29	5.30	21.24	21.23	63.74	245.76	1.17	56.24	Pass	Feed
4 / 29	7 : 12	5.30	21.15	21.14	63.74	730.41	5.09	53.67	Pass	Feed
4 / 30	11 : 57	5.30	21.22	21.22	63.74	251.58	1.11	57.46	Pass	Feed