

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

County: **Linn**
 Month/Year: **5/2021**

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	0.015	0.015	0.013	0.013	0.013	0.013	0.023	
2	0.013	0.013	0.011	OFF	OFF	OFF	0.018	
3	OFF	OFF	OFF	0.013	0.017	0.026	0.101	
4	0.017	0.017	0.015	0.015	OFF	OFF	0.029	
5	OFF	OFF	OFF	0.013	0.017	0.022	0.027	
6	0.020	0.018	0.017	OFF	OFF	OFF	0.098	
7	OFF	OFF	OFF	OFF	0.011	0.015	0.023	
8	0.015	0.015	0.013	0.013	0.015	0.017	0.022	
9	0.017	0.015	0.017	OFF	OFF	OFF	0.032	
10	OFF	OFF	OFF	0.015	0.020	0.022	0.038	
11	0.026	0.018	0.017	0.019	OFF	OFF	0.031	
12	OFF	OFF	OFF	0.013	0.029	0.024	0.045	
13	0.019	0.021	0.020	0.031	OFF	OFF	0.097	
14	OFF	OFF	OFF	0.013	0.013	0.015	0.026	
15	0.015	0.015	0.013	0.015	0.015	0.015	0.022	
16	0.015	0.013	0.013	0.013	OFF	OFF	0.020	
17	OFF	OFF	0.013	0.017	0.013	0.013	0.095	
18	0.013	0.013	0.013	OFF	OFF	OFF	0.020	
19	OFF	OFF	OFF	0.036	0.062	0.017	0.077	
20	0.017	0.017	0.017	OFF	OFF	OFF	0.071	
21	OFF	OFF	OFF	OFF	0.024	0.027	0.060	
22	0.024	0.024	0.020	0.024	0.024	0.024	0.055	
23	0.020	0.025	0.018	OFF	OFF	OFF	0.028	
24	OFF	OFF	OFF	0.033	0.024	0.031	0.047	
25	0.024	0.024	0.018	0.026	OFF	OFF	0.048	
26	OFF	OFF	0.026	0.024	0.020	0.018	0.066	
27	0.018	0.017	0.018	OFF	OFF	OFF	0.039	
28	OFF	OFF	OFF	OFF	0.018	0.018	0.031	
29	0.018	0.019	0.018	0.018	0.036	0.031	0.043	
30	0.024	0.021	0.020	0.022	OFF	OFF	0.040	
31	OFF	OFF	OFF	0.022	0.024	0.042	0.071	

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings \leq 1 NTU? ² <input checked="" type="radio"/> Yes / No	CT's met everyday? <input checked="" type="radio"/> Yes / No	All Cl ₂ residual at entry point \geq 0.2 mg/l? <input checked="" type="radio"/> Yes / No
All daily turbidity readings \leq 5 NTU? <input checked="" type="radio"/> Yes / No		
Notes: OFF = PLANT OFF	PRINTED NAME: <i>Chris Germond</i>	
	SIGNATURE: <i>Chris Germond</i>	DATE: <i>6/3/21</i>
	PHONE #: <i>541-258-4274</i>	CERT #: <i>T-0809</i>

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: 5/2021

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]
5/1/2021 3:18	1.0	73	71	15	8.0	20	Yes	3392
5/2/2021 4:59	1.0	78	75	14	7.9	21	Yes	3154
5/3/2021 9:25	0.7	73	48	13	7.6	18	Yes	3367
5/4/2021 1:13	1.0	74	71	15	8.0	19	Yes	3326
5/5/2021 11:29	0.7	71	53	14	7.6	18	Yes	3466
5/6/2021 0:50	1.0	55	54	16	7.8	18	Yes	4555
5/7/2021 13:46	0.7	76	55	14	7.3	16	Yes	3252
5/8/2021 22:47	1.0	74	71	14	7.9	20	Yes	3344
5/9/2021 8:34	0.9	75	71	14	8.0	20	Yes	3281
5/10/2021 9:58	0.8	71	55	14	7.5	17	Yes	3436
5/11/2021 2:37	1.0	73	71	16	7.9	18	Yes	3368
5/12/2021 11:40	0.8	64	49	14	7.5	17	Yes	3824
5/13/2021 9:57	1.0	76	73	16	7.9	17	Yes	3313
5/14/2021 11:33	0.8	73	55	14	7.7	18	Yes	3402
5/15/2021 5:07	1.0	73	70	17	8.0	17	Yes	3379
5/16/2021 9:13	0.9	77	69	17	8.0	17	Yes	3227
5/17/2021 8:09	0.7	72	54	15	7.6	16	Yes	3421
5/18/2021 8:54	0.9	73	69	15	7.9	19	Yes	3412
5/19/2021 10:23	0.8	52	39	14	7.6	17	Yes	4841
5/20/2021 14:53	0.9	55	53	14	7.9	20	Yes	4447
5/21/2021 12:06	0.8	74	57	13	7.9	20	Yes	3378
5/22/2021 23:34	1.0	75	73	15	8.0	20	Yes	3297
5/23/2021 0:35	1.0	75	72	15	8.1	20	Yes	3320
5/24/2021 11:52	0.7	71	53	14	7.6	17	Yes	3469
5/25/2021 8:44	0.8	75	63	14	7.9	20	Yes	3372
5/26/2021 6:31	0.8	75	58	14	7.6	18	Yes	3302
5/27/2021 2:24	0.8	76	65	17	8.0	17	Yes	3285
5/28/2021 13:11	0.7	76	55	18	7.6	14	Yes	3237
5/29/2021 0:31	0.9	73	67	20	7.4	12	Yes	3400
5/30/2021 0:33	0.9	74	70	21	7.4	11	Yes	3387
5/31/2021 9:33	0.8	72	57	15	7.4	16	Yes	3416

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Start Date End Date
5/1/2021 5/31/2021

Lebanon WTP MIT / LRV Test Results Report UF 1

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
5 / 1	7 : 41	5.28	21.42	21.39	67.25	572.90	4.44	54.99	Pass	Feed
5 / 2	2 : 17	5.30	21.13	21.11	67.25	628.80	6.03	54.97	Pass	Feed
5 / 3	10 : 6	5.30	21.22	21.21	67.25	658.86	6.11	55.11	Pass	Feed
5 / 4	9 : 26	5.30	21.15	21.14	67.25	825.53	7.90	53.36	Pass	Feed
5 / 5	6 : 28	5.30	21.10	21.06	51.59	839.40	7.34	54.79	Pass	Feed
5 / 6	9 : 4	5.30	21.35	21.33	53.00	870.61	7.12	53.38	Pass	Feed
5 / 7	15 : 2	5.30	21.29	21.27	62.53	631.06	5.07	55.29	Pass	Feed
5 / 8	8 : 58	5.30	21.28	21.27	62.53	580.31	4.21	51.83	Pass	Feed
5 / 9	2 : 51	5.30	21.23	21.21	62.53	683.41	5.46	56.63	Pass	Feed
5 / 10	11 : 49	5.30	21.29	21.30	62.53	732.77	6.03	52.50	Pass	Feed
5 / 11	7 : 26	4.78	21.13	21.06	57.65	705.76	5.88	55.61	Pass	Feed
5 / 11	9 : 20	5.30	21.18	21.17	57.65	717.97	4.26	52.81	Pass	Feed
5 / 12	12 : 47	4.99	21.22	21.17	60.95	800.66	5.32	54.34	Pass	Feed
5 / 12	13 : 23	5.30	21.19	21.17	58.40	815.79	5.77	54.65	Pass	Feed
5 / 13	9 : 9	5.30	21.25	21.21	55.44	822.07	6.45	53.62	Pass	Feed
5 / 13	15 : 12	4.57	21.16	21.08	57.17	814.75	5.98	56.92	Pass	Feed
5 / 13	15 : 42	4.73	21.14	21.08	57.12	814.75	5.98	56.92	Pass	Feed
5 / 13	16 : 8	4.89	21.23	21.19	57.34	814.75	5.98	56.92	Pass	Feed
5 / 13	16 : 34	4.96	21.19	21.15	57.23	814.75	5.98	56.92	Pass	Feed
5 / 14	6 : 33	4.45	21.07	20.96	56.95	814.75	5.98	56.92	Pass	Feed
5 / 14	7 : 11	4.54	21.18	21.09	57.22	814.75	5.98	56.92	Pass	Feed
5 / 14	8 : 7	4.73	21.23	21.18	57.34	814.75	5.98	56.92	Pass	Feed
5 / 14	8 : 39	4.89	21.30	21.26	57.51	814.75	5.98	56.92	Pass	Feed
5 / 14	11 : 41	4.22	21.13	21.05	162.81	118.00	0.73	59.37	Pass	Feed
5 / 14	12 : 34	4.85	21.13	21.07	59.38	737.66	5.54	56.16	Pass	Feed
5 / 15	8 : 58	4.65	21.15	21.06	61.14	692.25	5.24	55.31	Pass	Feed
5 / 16	3 : 15	4.41	21.21	21.08	60.70	694.02	5.30	59.75	Pass	Feed
5 / 17	8 : 2	4.60	21.21	21.11	54.76	834.84	6.54	57.55	Pass	Feed
5 / 17	13 : 18	5.30	21.02	20.99	55.19	809.13	6.38	54.13	Pass	Feed
5 / 17	13 : 42	5.30	21.25	21.24	55.19	809.13	6.38	54.13	Pass	Feed
5 / 17	14 : 10	5.30	21.36	21.36	119.31	206.73	1.40	54.66	Pass	Feed
5 / 17	14 : 34	5.30	21.25	21.25	62.07	860.42	5.14	54.90	Pass	Feed
5 / 17	14 : 58	5.30	21.36	21.37	62.07	839.93	4.93	55.27	Pass	Feed
5 / 18	7 : 14	5.23	21.14	21.10	60.45	706.19	5.35	56.46	Pass	Feed
5 / 19	7 : 38	5.30	21.17	21.13	54.01	810.37	6.74	54.09	Pass	Feed
5 / 20	6 : 17	5.30	21.10	21.08	62.10	668.06	5.06	55.00	Pass	Feed
5 / 21	14 : 13	5.30	21.38	21.35	69.74	606.71	4.12	53.52	Pass	Feed
5 / 22	8 : 17	5.30	21.38	21.36	64.37	661.82	4.83	54.57	Pass	Feed
5 / 23	2 : 25	4.88	21.26	21.21	61.35	690.71	5.24	57.56	Pass	Feed
5 / 24	13 : 36	5.30	21.26	21.23	57.76	824.76	5.94	54.19	Pass	Feed
5 / 25	8 : 12	5.30	21.32	21.30	57.50	816.03	6.02	54.54	Pass	Feed
5 / 26	9 : 56	5.30	21.21	21.18	53.70	822.80	6.85	53.76	Pass	Feed
5 / 27	7 : 10	4.70	21.14	21.06	58.11	749.41	5.78	57.41	Pass	Feed
5 / 27	8 : 27	5.23	21.25	21.21	55.20	834.44	6.48	56.13	Pass	Feed
5 / 28	10 : 0	5.05	21.23	21.18	62.05	793.41	5.13	54.31	Pass	Feed
5 / 29	9 : 33	4.69	21.16	21.08	83.74	471.10	2.80	55.07	Pass	Feed
5 / 30	2 : 46	4.55	21.32	21.21	61.14	763.53	5.26	61.05	Pass	Feed
5 / 31	11 : 28	4.95	20.98	20.93	55.87	804.27	6.17	56.43	Pass	Feed

Lebanon WTP MIT / LRV Test Results Report UF 1

Notes:

Been having issues getting a constant LRV on UF1. We are thining it is a valve that is not closing every time and leaking air slightly. It is an on going process of making a valve close tighter to stop the leak. Every LRV is passing and if we run the MIT's enough it will produce a 5.30 LRV.

Start Date 5/1/2021 End Date 5/31/2021

Lebanon WTP MIT / LRV Test Results Report UF 3

Table with columns: Month Day, Time, LRV Result, Start PSI, End PSI, ALCR, Q(p), TMP, Min LRV: Temp F, Pass / Fail, MIT Type. It contains 31 rows of test data for May 2021, all showing 'Pass' results and 'Feed' status.

