

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

County: **Linn**
 Month/Year: **11/2021**
 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	OFF	OFF	OFF	0.013	0.013	0.013	0.030
2	0.015	0.015	0.015	OFF	OFF	OFF	0.015
3	OFF	OFF	OFF	0.013	0.013	0.013	0.028
4	0.015	0.015	0.015	OFF	OFF	OFF	0.015
5	OFF	OFF	OFF	OFF	0.013	0.013	0.036
6	0.013	0.015	0.013	0.015	0.015	0.015	0.017
7	0.015	0.015	0.015	OFF	OFF	OFF	0.015
8	OFF	OFF	OFF	0.013	0.013	0.013	0.032
9	0.013	0.013	0.013	OFF	OFF	OFF	0.015
10	OFF	OFF	OFF	OFF	0.013	0.013	0.034
11	0.013	0.013	OFF	0.015	OFF	OFF	0.019
12	OFF	OFF	OFF	0.013	0.013	0.013	0.035
13	0.013	0.013	0.013	0.013	0.013	0.013	0.013
14	0.013	0.013	0.013	0.013	0.013	OFF	0.013
15	OFF	OFF	OFF	OFF	0.013	0.013	0.026
16	0.013	0.013	0.013	OFF	OFF	OFF	0.013
17	OFF	OFF	OFF	OFF	0.013	0.013	0.026
18	0.013	0.013	0.013	OFF	OFF	OFF	0.013
19	OFF	OFF	OFF	OFF	0.013	0.013	0.026
20	0.013	0.013	0.013	0.013	0.013	0.013	0.013
21	0.013	0.013	0.013	OFF	OFF	OFF	0.013
22	OFF	OFF	OFF	OFF	0.013	0.013	0.024
23	0.013	0.013	0.013	OFF	OFF	OFF	0.013
24	OFF	OFF	OFF	OFF	0.013	0.013	0.028
25	0.013	0.013	0.013	OFF	OFF	OFF	0.013
26	OFF	OFF	OFF	0.013	0.013	0.013	0.021
27	0.013	0.013	0.013	0.013	0.013	0.013	0.013
28	OFF	OFF	OFF	OFF	OFF	OFF	Plant Offline
29	OFF	OFF	0.013	0.013	0.013	0.013	0.025
30	0.013	0.013	0.013	OFF	OFF	OFF	0.013
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	<input checked="" type="radio"/> Yes / No	CT's met everyday?	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / No	<input checked="" type="radio"/> Yes / No	<input checked="" type="radio"/> Yes / No
Notes: OFF = PLANT OFF		PRINTED NAME: Chris Germond	
		SIGNATURE: <i>Chris Germond</i>	DATE: 12/2/21
		PHONE #: 541-258-4274	CERT #: 7-0868

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: 11/2021

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]
11/1/2021 12:35	0.6	73	46	14	7.5	17	Yes	3296
11/2/2021 14:35	1.2	76	90	14	7.9	21	Yes	3207
11/3/2021 10:58	0.9	72	64	14	7.6	18	Yes	3299
11/4/2021 9:46	1.2	74	92	15	7.9	20	Yes	3325
11/5/2021 15:53	0.9	97	87	15	7.6	17	Yes	2444
11/6/2021 0:42	0.9	75	67	14	7.8	20	Yes	3230
11/7/2021 8:38	0.8	78	65	13	7.8	21	Yes	3025
11/8/2021 11:49	0.4	75	27	13	7.5	17	Yes	3292
11/9/2021 10:12	1.3	74	99	13	7.8	22	Yes	3272
11/10/2021 14:3	0.9	76	70	13	7.7	20	Yes	3273
11/11/2021 15:3	0.9	76	70	13	8.0	23	Yes	3135
11/12/2021 12:1	0.3	80	23	14	7.7	18	Yes	2976
11/13/2021 10:5	1.2	80	92	13	7.9	22	Yes	2983
11/14/2021 9:05	1.2	79	91	13	8.1	23	Yes	3027
11/15/2021 15:5	0.8	50	39	14	8.1	21	Yes	4406
11/16/2021 9:42	1.2	75	89	13	7.9	22	Yes	3017
11/17/2021 13:3	0.8	75	57	13	7.7	20	Yes	3242
11/18/2021 8:25	1.3	75	96	12	7.9	25	Yes	3250
11/19/2021 15:1	0.8	100	83	13	7.8	21	Yes	2300
11/20/2021 2:32	1.3	102	131	12	8.0	25	Yes	2262
11/21/2021 8:15	1.5	78	114	12	8.0	26	Yes	3153
11/22/2021 13:3	1.2	78	92	12	7.9	23	Yes	3172
11/23/2021 9:01	1.4	70	95	12	8.1	26	Yes	3228
11/24/2021 15:1	1.2	67	78	12	8.0	24	Yes	3332
11/25/2021 7:42	1.4	71	102	12	8.1	27	Yes	3166
11/26/2021 10:4	1.3	86	108	12	8.1	25	Yes	2491
11/27/2021 3:19	1.3	74	93	12	8.0	25	Yes	3050
28	#N/A		#N/A	#N/A	#N/A	#N/A		#N/A
11/29/2021 7:50	0.9	67	63	13	8.0	23	Yes	3423
11/30/2021 0:38	1.3	70	89	12	8.0	25	Yes	3331
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

* If #N/A is present either plant was offline or there is not data for that day.

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Notes:

11/8/2021	High Raw Turbidity caused high organics and drops out the free chlorine in the CT Tank overnight.
11/12/2021	High Raw Turbidity caused high organics and drops out the free chlorine in the CT Tank overnight.

Start Date End Date
 11/1/2021 #####

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
11 / 1	13 : 18	5.30	21.04	21.04	72.32	800.77	3.71	55.93	Pass	Feed	
11 / 2	10 : 14	5.30	21.13	21.12	72.30	802.33	3.69	56.33	Pass	Feed	
11 / 3	11 : 52	5.30	21.13	21.13	71.91	805.59	3.77	56.97	Pass	Feed	
11 / 4	9 : 41	5.30	21.21	21.21	81.10	697.58	2.98	57.63	Pass	Feed	
11 / 5	10 : 24	5.30	21.20	21.18	69.34	788.47	4.07	57.65	Pass	Feed	
11 / 6	9 : 31	5.30	21.10	21.09	86.71	532.46	2.60	55.01	Pass	Feed	
11 / 7	5 : 50	5.30	21.22	21.21	82.76	519.34	2.89	53.46	Pass	Feed	
11 / 8	10 : 59	5.30	20.97	20.96	148.68	192.99	0.87	56.15	Pass	Feed	
11 / 9	10 : 3	5.30	21.15	21.15	58.75	898.15	5.70	53.67	Pass	Feed	
11 / 10	9 : 57	5.30	21.20	21.19	154.90	740.25	5.50	54.11	Pass	Feed	
11 / 11	13 : 25	5.30	21.13	21.13	59.68	317.54	2.57	54.95	Pass	Feed	
11 / 12	11 : 46	5.02	21.06	21.03	124.32	209.53	1.25	58.99	Pass	Feed	
11 / 12	17 : 39	5.30	21.04	21.03	77.40	476.96	3.24	55.01	Pass	Feed	
11 / 13	9 : 48	5.30	21.01	21.01	71.22	512.25	3.82	54.49	Pass	Feed	
11 / 14	7 : 2	5.30	21.02	21.01	86.03	742.27	4.57	58.35	Pass	Feed	
11 / 15	13 : 8	5.30	21.19	21.18	65.41	742.27	4.57	58.35	Pass	Feed	
11 / 16	8 : 58	5.30	21.06	21.05	83.58	440.30	2.80	53.13	Pass	Feed	
11 / 17	10 : 51	5.30	21.02	20.99	82.16	385.90	2.88	53.52	Pass	Feed	
11 / 18	7 : 59	5.30	21.13	21.13	63.91	754.19	4.80	54.04	Pass	Feed	
11 / 19	9 : 56	5.30	21.00	20.98	52.95	880.04	6.92	54.21	Pass	Feed	
11 / 20	10 : 16	5.30	21.01	21.00	81.60	482.41	2.89	57.66	Pass	Feed	
11 / 21	6 : 3	5.30	21.05	21.05	58.25	813.15	5.71	56.70	Pass	Feed	
11 / 22	11 : 5	5.30	21.11	21.09	57.73	799.35	5.85	56.81	Pass	Feed	
11 / 23	7 : 35	5.30	21.16	21.16	57.69	884.08	5.88	56.85	Pass	Feed	
11 / 24	11 : 15	5.30	21.02	21.01	60.66	778.20	5.25	57.26	Pass	Feed	
11 / 25	7 : 52	5.30	21.03	21.03	61.44	905.09	5.15	54.44	Pass	Feed	
11 / 26	12 : 8	5.30	21.07	21.07	82.57	532.12	2.85	55.66	Pass	Feed	
11 / 27	9 : 30	5.30	21.01	21.01	78.52	539.64	3.14	55.30	Pass	Feed	
11 / 29	7 : 45	5.30	21.02	21.01	137.72	193.50	1.01	61.02	Pass	Feed	
11 / 29	9 : 30	5.30	21.06	21.05	61.11	742.92	5.16	60.21	Pass	Feed	
11 / 30	7 : 35	5.30	21.02	21.01	68.11	681.44	4.17	56.72	Pass	Feed	

Start Date End Date
 11/1/2021 #####

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	Pass / Fail	MIT Type
11 /	1	12 : 29	5.30	21.18	21.17	176.29	187.92	0.63	58.40	Pass	Feed	
11 /	2	7 : 48	5.30	21.17	21.16	79.93	789.46	2.88	56.42	Pass	Feed	
11 /	3	11 : 31	5.30	21.27	21.25	177.16	189.21	0.63	57.84	Pass	Feed	
11 /	4	7 : 30	5.30	21.23	21.22	80.23	758.50	3.05	57.72	Pass	Feed	
11 /	5	11 : 8	5.30	21.09	21.07	79.83	744.03	3.05	57.66	Pass	Feed	
11 /	6	7 : 32	5.30	21.06	21.04	132.03	268.08	1.11	56.01	Pass	Feed	
11 /	7	7 : 3	5.30	21.06	21.05	100.72	441.27	1.92	53.31	Pass	Feed	
11 /	8	11 : 25	5.30	21.04	21.03	119.22	299.77	1.36	56.14	Pass	Feed	
11 /	9	8 : 10	5.30	21.18	21.17	68.36	830.21	4.22	53.63	Pass	Feed	
11 /	10	8 : 50	5.30	21.15	21.14	80.87	757.93	4.44	54.14	Pass	Feed	
11 /	11	13 : 47	5.30	21.20	21.19	79.50	312.40	2.27	54.95	Pass	Feed	
11 /	12	12 : 13	5.30	21.14	21.13	92.10	315.57	2.30	57.02	Pass	Feed	
11 /	13	8 : 6	5.30	21.10	21.10	83.92	481.92	2.78	54.55	Pass	Feed	
11 /	14	5 : 54	5.30	21.16	21.15	82.71	660.46	3.84	58.28	Pass	Feed	
11 /	15	12 : 41	5.30	21.09	21.07	71.06	660.46	3.84	58.28	Pass	Feed	
11 /	16	7 : 34	5.30	21.20	21.19	69.89	679.83	4.04	53.97	Pass	Feed	
11 /	17	8 : 45	5.30	21.04	21.02	89.55	366.26	2.43	53.52	Pass	Feed	
11 /	18	7 : 28	5.30	21.15	21.15	60.17	798.96	5.43	54.11	Pass	Feed	
11 /	19	8 : 2	5.30	21.01	20.99	60.19	817.11	5.36	54.20	Pass	Feed	
11 /	20	7 : 38	5.30	20.96	20.96	78.27	496.45	3.14	56.19	Pass	Feed	
11 /	21	6 : 49	5.30	21.14	21.14	63.87	751.67	4.79	56.74	Pass	Feed	
11 /	22	8 : 48	5.30	21.16	21.14	62.85	754.67	4.95	56.76	Pass	Feed	
11 /	23	7 : 58	5.30	21.16	21.15	65.07	808.24	4.62	56.83	Pass	Feed	
11 /	24	9 : 41	5.30	20.97	20.96	61.10	859.83	5.15	57.21	Pass	Feed	
11 /	25	5 : 47	5.30	21.03	21.03	62.72	785.81	4.94	54.64	Pass	Feed	
11 /	26	11 : 2	5.30	21.03	21.03	118.49	268.31	1.37	60.52	Pass	Feed	
11 /	27	7 : 33	5.30	21.00	21.00	75.27	558.70	3.42	55.21	Pass	Feed	
11 /	29	10 : 9	5.30	21.04	21.03	59.28	865.01	5.49	58.44	Pass	Feed	
11 /	30	8 : 24	5.30	21.03	21.03	68.32	687.54	4.15	56.75	Pass	Feed	

Start Date End Date
 11/1/2021 #####

Lebanon WTP MIT / LRV Test Results Report UF 3

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: 4.0	
								Temp F	Pass / Fail MIT Type
11 / 1	14 : 7	5.30	21.66	21.65	85.79	690.84	2.78	55.24	Pass Feed
11 / 2	8 : 32	5.30	21.34	21.33	85.27	663.17	2.59	56.34	Pass Feed
11 / 3	11 : 4	5.30	21.33	21.31	151.96	197.22	0.86	57.84	Pass Feed
11 / 4	8 : 23	5.30	21.27	21.27	81.18	722.99	2.99	57.69	Pass Feed
11 / 5	8 : 43	5.30	21.18	21.16	77.84	686.06	3.23	57.63	Pass Feed
11 / 6	8 : 56	5.30	21.19	21.17	94.56	530.13	2.20	55.37	Pass Feed
11 / 7	5 : 22	5.30	21.15	21.14	86.43	530.30	2.63	53.56	Pass Feed
11 / 8	12 : 34	5.30	21.14	21.14	100.02	389.67	1.96	55.01	Pass Feed
11 / 9	8 : 34	5.30	21.04	21.03	58.72	925.37	5.65	53.64	Pass Feed
11 / 10	8 : 25	5.30	21.02	21.02	97.70	772.36	3.69	54.13	Pass Feed
11 / 11	14 : 10	5.30	21.20	21.20	105.75	308.84	1.22	54.94	Pass Feed
11 / 12	12 : 42	5.30	21.20	21.19	158.17	188.32	0.78	58.99	Pass Feed
11 / 13	8 : 49	5.30	21.10	21.09	87.99	483.78	2.52	54.62	Pass Feed
11 / 14	6 : 27	5.30	21.21	21.20	90.22	670.88	3.12	58.31	Pass Feed
11 / 15	12 : 18	5.30	21.08	21.07	78.81	670.88	3.12	58.31	Pass Feed
11 / 16	8 : 20	5.30	21.17	21.16	87.01	566.41	2.60	53.47	Pass Feed
11 / 17	9 : 18	5.30	21.05	21.02	96.78	384.33	2.08	53.63	Pass Feed
11 / 18	9 : 23	5.30	21.09	21.08	66.77	796.02	4.38	54.17	Pass Feed
11 / 19	9 : 32	5.30	21.05	21.04	66.67	796.02	4.38	54.17	Pass Feed
11 / 20	9 : 10	5.30	21.19	21.18	88.34	487.71	2.51	56.95	Pass Feed
11 / 21	5 : 19	5.30	21.05	21.04	72.70	707.14	3.67	56.71	Pass Feed
11 / 22	8 : 19	5.30	21.09	21.08	70.60	714.78	3.90	56.76	Pass Feed
11 / 23	8 : 21	5.30	21.19	21.19	69.36	827.79	4.07	56.92	Pass Feed
11 / 24	10 : 23	5.30	21.05	21.04	68.04	903.73	4.18	57.16	Pass Feed
11 / 25	5 : 25	5.30	21.10	21.09	71.11	742.97	3.86	54.57	Pass Feed
11 / 26	10 : 40	5.30	21.08	21.08	139.53	185.18	0.99	60.51	Pass Feed
11 / 27	8 : 58	5.30	21.15	21.15	81.24	531.48	2.97	55.39	Pass Feed
11 / 29	7 : 6	5.30	21.00	20.99	141.68	186.44	0.95	61.48	Pass Feed
11 / 29	10 : 42	5.30	21.09	21.08	64.18	848.36	4.70	59.10	Pass Feed
11 / 30	7 : 59	5.30	21.05	21.04	74.92	605.08	3.45	56.71	Pass Feed

Start Date End Date
 11/1/2021 #####

Lebanon WTP MIT / LRV Test Results Report UF 4										
Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV:	4.0	
								Temp F	Pass / Fail	MIT Type
11 / 1	11 : 56	5.30	21.19	21.18	180.26	207.76	0.60	58.40	Pass	Feed
11 / 2	6 : 27	5.30	21.09	21.08	85.46	748.56	2.54	56.40	Pass	Feed
11 / 3	14 : 21	5.30	21.14	21.14	90.45	619.30	2.39	56.67	Pass	Feed
11 / 3	14 : 21	5.30	21.14	21.14	90.45	868.50	3.80	56.94	Pass	Feed
11 / 4	6 : 20	5.30	21.04	21.04	81.91	790.66	2.88	57.78	Pass	Feed
11 / 5	11 : 31	5.30	21.19	21.18	80.25	748.39	3.04	57.66	Pass	Feed
11 / 6	8 : 16	5.30	21.10	21.09	166.65	227.47	0.70	56.01	Pass	Feed
11 / 7	6 : 19	5.30	21.10	21.09	88.04	547.98	2.53	53.46	Pass	Feed
11 / 8	11 : 47	5.30	21.16	21.15	155.19	212.54	0.81	56.15	Pass	Feed
11 / 9	6 : 28	5.30	20.96	20.95	73.20	781.31	3.61	53.67	Pass	Feed
11 / 10	9 : 18	5.30	20.94	20.93	100.15	742.93	4.23	54.13	Pass	Feed
11 / 11	14 : 35	5.30	20.85	20.85	105.64	308.05	1.72	54.95	Pass	Feed
11 / 12	15 : 8	5.30	20.93	20.94	95.58	409.90	2.11	55.06	Pass	Feed
11 / 13	6 : 45	5.30	20.95	20.95	87.80	475.36	2.50	54.56	Pass	Feed
11 / 14	5 : 30	5.30	21.10	21.09	88.44	662.63	3.34	58.24	Pass	Feed
11 / 15	11 : 54	5.30	21.10	21.08	76.24	662.63	3.34	58.24	Pass	Feed
11 / 16	7 : 8	5.30	20.89	20.89	69.52	716.27	3.97	54.19	Pass	Feed
11 / 17	8 : 22	5.30	20.94	20.94	107.22	368.66	1.68	53.63	Pass	Feed
11 / 18	6 : 19	5.30	20.79	20.79	75.54	791.88	3.33	54.51	Pass	Feed
11 / 19	9 : 7	5.30	21.01	21.00	73.36	822.16	3.61	54.21	Pass	Feed
11 / 20	6 : 49	5.30	21.03	21.02	90.70	488.76	2.35	56.17	Pass	Feed
11 / 21	7 : 35	5.30	21.06	21.06	74.21	768.49	3.52	56.82	Pass	Feed
11 / 22	6 : 37	5.30	21.00	20.99	72.33	752.72	3.69	56.76	Pass	Feed
11 / 23	6 : 20	5.30	21.06	21.06	74.11	815.74	3.53	56.82	Pass	Feed
11 / 24	10 : 48	5.30	20.98	20.97	67.14	813.92	4.27	57.26	Pass	Feed
11 / 25	6 : 10	5.30	20.97	20.97	69.44	770.72	4.01	54.67	Pass	Feed
11 / 26	11 : 34	5.30	21.00	21.00	80.13	548.48	3.01	56.08	Pass	Feed
11 / 27	6 : 30	5.30	21.07	21.07	83.92	532.80	2.76	55.20	Pass	Feed
11 / 29	8 : 8	5.30	20.99	20.99	145.80	218.32	0.90	61.02	Pass	Feed
11 / 30	7 : 8	5.30	21.01	21.00	82.65	587.29	2.83	56.56	Pass	Feed