

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

County: **Linn**
 Month/Year: **12/2021**
Membrane

System Name:	Lebanon, City of			ID#: 41-00473			Highest Reading of the day ¹ [NTU]
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	
1	OFF	OFF	OFF	0.013	0.013	0.013	0.026
2	0.013	0.013	0.013	OFF	OFF	OFF	0.013
3	OFF	OFF	OFF	OFF	0.013	0.013	0.028
4	0.013	0.013	0.013	0.013	0.013	0.013	0.013
5	OFF	OFF	OFF	OFF	OFF	OFF	0.000
6	OFF	OFF	0.013	0.013	0.013	0.013	0.025
7	0.013	0.013	0.013	OFF	OFF	OFF	0.013
8	OFF	OFF	OFF	0.013	0.013	0.013	0.026
9	0.013	0.013	0.013	OFF	OFF	OFF	0.015
10	OFF	OFF	OFF	0.013	0.013	0.013	0.038
11	0.013	0.013	0.013	0.013	0.013	0.013	0.013
12	OFF	OFF	OFF	OFF	OFF	OFF	0.000
13	OFF	OFF	OFF	0.013	0.013	0.013	0.041
14	0.013	0.013	0.013	OFF	OFF	OFF	0.013
15	OFF	OFF	OFF	OFF	0.013	0.013	0.032
16	0.013	0.013	0.013	OFF	OFF	OFF	0.013
17	OFF	OFF	OFF	OFF	0.011	0.013	0.030
18	0.013	OFF	0.013	0.013	0.013	0.013	0.015
19	OFF	OFF	OFF	OFF	OFF	OFF	0.000
20	OFF	OFF	OFF	0.013	0.015	0.015	0.048
21	0.015	0.015	0.013	OFF	OFF	OFF	0.015
22	OFF	OFF	OFF	OFF	0.015	0.015	0.034
23	0.015	0.015	0.011	OFF	OFF	OFF	0.015
24	OFF	OFF	OFF	OFF	0.015	0.015	0.030
25	0.015	0.015	0.013	0.015	0.015	OFF	0.016
26	OFF	OFF	OFF	OFF	OFF	OFF	0.000
27	OFF	OFF	OFF	0.015	0.015	0.015	0.041
28	0.015	0.015	0.015	OFF	OFF	OFF	0.015
29	OFF	OFF	OFF	OFF	0.015	0.015	0.034
30	0.015	0.015	0.015	OFF	OFF	OFF	0.015
31	OFF	OFF	OFF	OFF	0.026	0.015	0.030

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 Cl ₂ 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 Bermond	
		SIGNATURE: Chris Bermond	DATE: 1/5/22
		PHONE #: 541-258-4274	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.

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WTP: WTP-B

System Name: Lebanon, CITY OF

ID#: 41-00473

Month/Year: 12/2021

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]
12/1/2021 12:24	1.0	76	79	13	8.0	23	Yes	3165
12/2/2021 7:09	1.2	79	97	12	8.0	24	Yes	3056
12/3/2021 15:35	0.9	92	87	13	7.8	21	Yes	2586
12/4/2021 6:23	1.2	82	96	12	7.9	24	Yes	3059
12/5/2021 0:00	Plant Offline	-	-	-	-	-	-	-
12/6/2021 7:56	0.9	65	61	12	8.0	23	Yes	3732
12/7/2021 7:13	1.0	67	65	12	7.9	24	Yes	3289
12/8/2021 12:01	0.7	85	61	12	7.9	21	Yes	2734
12/9/2021 11:16	1.2	84	98	12	7.8	23	Yes	2824
12/10/2021 11:4	0.9	73	63	13	7.8	21	Yes	3185
12/11/2021 19:2	0.8	81	65	11	8.0	24	Yes	2822
12/12/2021 0:00	Plant Offline	-	-	-	-	-	-	-
12/13/2021 8:24	0.7	70	51	13	8.1	23	Yes	3412
12/14/2021 7:44	0.9	69	65	11	7.6	23	Yes	3268
12/15/2021 13:0	0.6	71	46	12	7.6	20	Yes	3257
12/16/2021 10:2	0.9	72	66	11	7.8	24	Yes	3267
12/17/2021 15:0	0.9	69	59	12	7.9	23	Yes	2997
12/18/2021 19:4	1.2	82	99	11	7.8	25	Yes	2932
12/19/2021 0:00	1.3	126	161	11	7.9	26	Yes	1753
12/20/2021 19:0	1.0	65	63	12	7.9	23	Yes	3010
12/21/2021 9:12	1.0	76	73	11	7.7	23	Yes	3009
12/22/2021 12:5	0.7	64	42	12	7.8	22	Yes	3032
12/23/2021 8:41	1.0	66	63	11	7.7	23	Yes	3051
12/24/2021 13:5	0.7	81	53	12	7.6	20	Yes	2593
12/25/2021 12:3	0.9	90	79	10	7.7	24	Yes	2622
12/26/2021 0:00	Plant Offline	-	-	-	-	-	-	-
12/27/2021 10:1	0.7	71	51	12	7.8	22	Yes	3241
12/28/2021 9:40	0.9	78	74	9	7.6	25	Yes	3059
12/29/2021 22:0	1.2	69	79	11	7.6	23	Yes	3014
12/30/2021 6:38	0.9	69	61	9	7.7	25	Yes	3170
12/31/2021 17:2	1.1	77	81	11	7.7	24	Yes	3006

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

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Notes:

12/19/2021	Plant was run for 4 minutes after 00:00 and reporting didn't grab the numbers. Data was:	
	Min Cl ₂	1.28 mg/L
	Temp	10.8 C
	High pH	7.87
	Flow	1,753 gpm
	CT Level	15.33 ft
12/22/2021	Finish pH probe reading incorrectly. Reinstalled software and working again. Highest pH during hour of highest flow was 7.78 pH.	
12/29/2021	CT CL-17 having trouble keeping prime. Hand test was 1.20 mg/L at 22:10. Lowest chlorine during the hour of highest finish flow was 1.15 mg/L.	
12/31/2021:	CT CL-17 having trouble keeping prime. Hand tests were:	
	15:00	1.05 mg/L
	18:40	1.11 mg/L
	22:10	1.20 mg/L
	Lowest finish free chlorine during highest finish flow is 1.05 mg/L hand test.	

Lebanon WTP MIT / LRV Test Results Report UF 1

Notes:

12/19/2021	The plant was accidentally run over 12/18 to 12/19 for 4 minutes and MIT's were accidentally not run. Was caused by PCM 700 SCADA time being 15 minutes behind. MIT's the day before and after were 5.30.
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Lebanon WTP MIT / LRV Test Results Report UF 2
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Notes:

12/19/2021	The plant was accidentally run over 12/18 to 12/19 for 4 minutes and MIT's were accidentally not run. Was caused by PCM 700 SCADA time being 15 minutes behind. MIT's the day before and after were 5.30.
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Lebanon WTP MIT / LRV Test Results Report UF 3

Notes:

#####	The plant was accidentally run over 12/18 to 12/19 for 4 minutes and MIT's were accidentally not run. Was caused by PCM 700 SCADA time being 15 minutes behind. MIT's the day before and after were 5.30.
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Lebanon WTP MIT / LRV Test Results Report UF 4

Notes:

12/19/2021	The plant was accidentally run over 12/18 to 12/19 for 4 minutes and MIT's were accidentally not run. Was caused by PCM 700 SCADA time being 15 minutes behind. MIT's the day before and after were 5.30.
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