


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

County: **Linn**  
 Month/Year: **12/2023**  
**Membrane**

System Name: Lebanon, City of	ID#: 41-00473						Highest Reading of the day <sup>1</sup> [NTU]
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	
1	0.016	0.014	0.016	0.016	0.016	0.016	0.020
2	0.016	0.014	0.016	0.014	0.016	OFF	0.018
3	0.014	0.014	0.016	0.016	0.018	0.020	0.022
4	0.020	0.016	0.018	0.016	0.016	0.016	0.023
5	0.014	0.016	0.016	0.016	0.016	0.017	0.020
6	0.017	0.017	0.017	0.013	0.014	0.014	0.020
7	0.014	0.014	0.013	0.014	0.013	0.014	0.016
8	0.014	0.014	0.013	0.014	0.014	0.014	0.018
9	0.014	0.014	0.014	0.012	0.018	0.012	0.019
10	0.014	0.012	0.014	0.014	0.014	0.014	0.016
11	0.013	0.016	0.014	0.014	0.013	0.014	0.064
12	0.014	0.014	0.014	0.014	0.014	0.014	0.024
13	0.014	0.014	0.014	0.014	0.013	0.014	0.068
14	0.012	0.014	0.012	0.014	OFF	OFF	0.022
15	0.013	0.014	0.014	0.014	0.014	0.014	0.022
16	0.012	0.014	0.014	0.014	0.014	0.014	0.023
17	0.012	0.014	0.014	OFF	OFF	OFF	0.018
18	OFF	OFF	OFF	OFF	OFF	OFF	0.000
19	0.014	0.014	0.014	0.014	0.014	0.014	0.014
20	0.013	0.014	0.013	0.013	0.013	OFF	0.016
21	OFF	OFF	OFF	OFF	OFF	OFF	0.025
22	0.014	0.014	0.014	0.014	0.014	OFF	0.016
23	0.014	OFF	OFF	OFF	OFF	OFF	0.016
24	0.014	0.012	0.015	0.014	0.014	0.014	0.018
25	0.014	0.014	0.016	0.016	0.013	0.016	0.016
26	0.016	0.016	0.016	0.014	0.016	0.016	0.020
27	0.016	0.016	0.014	OFF	OFF	OFF	0.021
28	OFF	OFF	OFF	0.016	0.016	0.016	0.016
29	0.016	0.016	0.016	0.016	0.016	0.014	0.018
30	0.014	0.016	0.014	0.014	0.014	0.014	0.019
31	0.014	0.016	0.014	OFF	OFF	OFF	0.016

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup> <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings $\leq$ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		
Notes: OFF = PLANT OFF	PRINTED NAME: <b>Tyson Beene</b>	
	SIGNATURE: 	DATE: <b>1-3-24</b>
	PHONE #: <b>541-990-1254</b>	CERT #: <b>TC109</b>

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM correspond to continuous readings' maximum. <sup>2</sup> 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: 12/2023

Disinfection  
Giardia Log  
Inactive: 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
12/1/2023 17:14	0.9	70	62	8	7.9	31	Yes	3024
12/2/2023 16:32	1.0	90	90	8	7.9	30	Yes	2256
12/3/2023 22:09	1.0	129	129	9	7.9	29	Yes	1533
12/4/2023 3:24	1.0	139	135	10	7.7	25	Yes	1629
12/5/2023 23:34	1.1	146	168	10	7.8	26	Yes	1592
12/6/2023 23:14	1.0	149	146	10	7.8	26	Yes	1540
12/7/2023 13:47	0.9	154	132	9	7.7	25	Yes	1501
12/8/2023 19:24	0.7	161	110	9	7.8	26	Yes	1415
12/9/2023 23:52	1.0	166	161	9	7.7	26	Yes	1441
12/10/2023 10:21	0.7	139	99	9	7.8	28	Yes	1415
12/11/2023 20:02	0.9	87	82	9	7.6	25	Yes	2542
12/12/2023 3:19	0.9	101	93	9	7.6	25	Yes	2073
12/13/2023 11:29	0.8	142	119	9	7.7	25	Yes	1510
12/14/2023 5:17	1.0	146	147	9	7.7	26	Yes	1675
12/15/2023 5:47	1.0	124	129	9	7.8	28	Yes	1652
12/16/2023 16:19	1.0	146	149	9	7.8	28	Yes	1531
12/17/2023 9:34	0.9	144	136	8	7.7	27	Yes	1481
12/18/2023 9:34	0.9	144	136	8	7.7	27	Yes	1481
12/19/2023 3:47	1.0	91	90	8	7.7	28	Yes	2145
12/20/2023 8:24	0.9	72	64	9	7.7	26	Yes	2901
12/21/2023 12:24	1.0	65	66	10	7.7	25	Yes	3037
12/22/2023 11:22	0.9	88	75	9	7.8	27	Yes	2400
12/23/2023 1:46	0.8	100	85	8	7.9	29	Yes	1896
12/24/2023 21:36	0.9	123	115	8	7.9	30	Yes	1556
12/25/2023 21:27	0.9	153	143	8	7.9	31	Yes	1413
12/26/2023 6:19	0.9	99	89	9	7.9	29	Yes	2146
12/27/2023	0.8	103	84	9	7.9	28	Yes	2142
12/28/2023	0.7	98	70	10	7.8	25	Yes	2131
12/29/2023	0.9	121	110	9	7.8	28	Yes	1892
12/30/2023	0.9	99	85	9	7.8	27	Yes	2130
12/31/2023	0.9	109	103	9	7.8	27	Yes	2118

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012

Start Date    End Date  
 12/1/2023    12/31/2023

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
12 / 1	8 : 13	5.30	21.15	21.19	107.19	310.15	1.74	44.59	Pass	Feed
12 / 2	1 : 41	5.30	21.17	21.22	65.18	662.64	4.71	45.04	Pass	Feed
12 / 3	1 : 31	5.30	21.19	21.22	95.99	352.43	2.17	46.00	Pass	Feed
12 / 4	2 : 38	5.30	21.12	21.13	72.14	430.86	3.80	49.50	Pass	Feed
12 / 5	1 : 24	5.30	21.06	21.09	74.74	510.79	3.53	48.14	Pass	Feed
12 / 6	4 : 25	5.30	20.90	20.91	88.58	371.08	2.48	48.27	Pass	Feed
12 / 7	2 : 23	5.30	21.04	21.05	91.18	362.94	2.37	47.61	Pass	Feed
12 / 8	7 : 55	5.30	21.12	21.16	103.08	330.24	1.87	47.25	Pass	Feed
12 / 9	1 : 31	5.30	21.02	21.01	86.45	398.76	2.63	47.50	Pass	Feed
12 / 10	1 : 41	5.30	21.11	21.15	99.22	339.77	1.99	54.43	Pass	Feed
12 / 11	2 : 22	5.30	20.92	20.89	83.35	383.07	2.76	56.82	Pass	Feed
12 / 12	1 : 26	5.30	21.27	21.31	75.12	538.67	3.56	48.24	Pass	Feed
12 / 13	4 : 31	5.30	21.16	21.17	94.47	403.31	2.23	47.51	Pass	Feed
12 / 14	1 : 53	5.30	21.13	21.16	82.60	426.38	2.89	50.50	Pass	Feed
12 / 15	11 : 56	5.30	21.27	21.31	75.12	538.67	3.56	48.24	Pass	Feed
12 / 16	1 : 45	5.30	20.80	20.84	84.66	386.23	2.68	50.74	Pass	Feed
12 / 17	1 : 46	5.30	21.25	21.29	100.85	336.95	1.96	50.73	Pass	Feed
12 / 18	7 : 14	5.30	21.06	21.05	91.75	332.10	2.33	50.05	Pass	Feed
12 / 19	1 : 26	5.30	21.22	21.27	70.60	649.07	3.99	51.44	Pass	Feed
12 / 20	4 : 53	5.30	21.10	21.12	86.35	497.63	2.66	47.09	Pass	Feed
12 / 21	10 : 4	5.30	21.04	21.04	61.14	842.82	5.28	46.88	Pass	Feed
12 / 22	7 : 44	5.30	21.12	21.17	59.02	703.89	5.72	45.65	Pass	Feed
12 / 23	2 : 57	5.30	21.30	21.35	83.36	446.10	2.91	45.15	Pass	Feed
12 / 24	2 : 14	5.30	20.77	20.79	94.78	335.97	2.16	44.15	Pass	Feed
12 / 25	4 : 20	5.30	21.01	21.00	104.64	280.09	1.81	44.66	Pass	Feed
12 / 26	1 : 22	5.30	21.24	21.24	116.51	278.24	1.48	45.92	Pass	Feed
12 / 27	6 : 19	5.30	21.08	21.09	70.22	614.16	4.02	46.48	Pass	Feed
12 / 28	10 : 32	5.30	21.23	21.25	75.16	609.34	3.56	46.13	Pass	Feed
12 / 29	9 : 8	5.30	21.27	21.29	88.00	497.67	2.60	45.90	Pass	Feed
12 / 30	1 : 23	5.30	21.22	21.25	78.54	564.46	3.25	46.55	Pass	Feed
12 / 31	1 : 49	5.30	21.09	21.13	87.22	446.34	2.61	46.82	Pass	Feed

Start Date    End Date  
 12/1/2023    12/31/2023

Lebanon WTP MIT / LRV Test Results Report UF 2

Month Day	Time	LRV Result	Start PSI	End PSI	ALCR	Q(p)	TMP	Min LRV: 4.0		
								Temp F	Pass / Fail	MIT Type
12 / 1	7 : 48	5.30	21.10	21.13	107.82	333.24	1.71	44.59	Pass	Feed
12 / 2	5 : 45	5.30	21.08	21.11	93.52	388.73	2.27	45.12	Pass	Feed
12 / 3	2 : 43	5.30	20.99	21.02	94.16	375.82	2.22	45.80	Pass	Feed
12 / 4	3 : 3	5.30	21.01	21.02	133.03	159.44	1.11	49.79	Pass	Feed
12 / 5	2 : 38	5.30	21.00	21.01	85.16	421.38	2.71	48.26	Pass	Feed
12 / 6	5 : 44	5.30	20.97	20.96	104.85	361.44	1.78	48.30	Pass	Feed
12 / 7	3 : 10	5.30	20.72	20.72	88.28	389.41	2.46	47.55	Pass	Feed
12 / 8	7 : 20	5.30	21.06	21.09	95.64	355.06	2.16	47.28	Pass	Feed
12 / 9	2 : 59	5.30	21.10	21.15	102.80	324.99	1.87	48.11	Pass	Feed
12 / 10	2 : 36	5.30	21.06	21.10	97.76	326.56	2.04	54.80	Pass	Feed
12 / 11	3 : 7	5.30	21.03	21.06	92.34	327.33	2.27	56.93	Pass	Feed
12 / 12	4 : 50	5.30	20.96	20.98	77.07	481.76	3.29	48.28	Pass	Feed
12 / 13	6 : 42	5.30	20.98	21.01	94.39	359.77	2.20	48.57	Pass	Feed
12 / 14	2 : 41	5.30	21.04	21.07	96.80	371.46	2.09	50.47	Pass	Feed
12 / 15	10 : 25	5.30	21.06	21.10	101.32	324.18	1.91	49.78	Pass	Feed
12 / 16	2 : 37	5.30	21.08	21.12	104.47	312.76	1.80	50.74	Pass	Feed
12 / 17	2 : 37	5.30	21.05	21.09	97.78	313.06	2.05	50.87	Pass	Feed
12 / 18	7 : 38	5.30	20.89	20.87	96.24	309.26	2.09	50.13	Pass	Feed
12 / 19	2 : 21	5.30	21.10	21.14	70.08	591.78	4.00	51.44	Pass	Feed
12 / 20	4 : 29	5.30	21.10	21.13	78.62	480.27	3.21	47.07	Pass	Feed
12 / 21	6 : 47	5.30	20.97	20.96	60.66	779.88	5.33	46.89	Pass	Feed
12 / 22	7 : 19	5.30	20.97	21.01	73.33	625.60	3.66	45.67	Pass	Feed
12 / 23	3 : 47	5.30	21.06	21.10	85.63	416.90	2.71	45.09	Pass	Feed
12 / 24	3 : 20	5.30	20.98	21.02	101.02	325.44	1.93	44.14	Pass	Feed
12 / 25	3 : 9	5.30	20.71	20.74	112.38	276.32	1.53	44.62	Pass	Feed
12 / 26	2 : 33	5.30	20.94	20.96	110.03	282.13	1.62	45.96	Pass	Feed
12 / 27	9 : 4	5.30	21.08	21.13	90.20	383.95	2.44	45.89	Pass	Feed
12 / 28	5 : 24	5.30	20.87	20.86	89.39	383.95	2.44	45.89	Pass	Feed
12 / 29	8 : 41	5.30	21.03	21.05	88.55	478.75	2.52	45.93	Pass	Feed
12 / 30	7 : 0	5.30	21.17	21.19	87.71	475.22	2.60	46.61	Pass	Feed
12 / 31	2 : 57	5.30	21.15	21.18	89.59	436.24	2.48	46.76	Pass	Feed

Start Date    End Date  
 12/1/2023    12/31/2023

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
12 / 1	7 : 24	5.30	21.14	21.17	97.82	325.80	2.09	44.57	Pass	Feed
12 / 2	5 : 6	5.30	21.07	21.11	99.35	377.52	2.01	45.10	Pass	Feed
12 / 3	4 : 12	5.30	21.17	21.20	95.68	380.93	2.19	45.69	Pass	Feed
12 / 4	3 : 48	5.30	21.01	21.02	75.67	454.79	3.43	48.92	Pass	Feed
12 / 5	3 : 40	5.30	20.97	20.99	80.42	443.99	3.02	48.30	Pass	Feed
12 / 6	4 : 49	5.30	21.03	21.03	94.93	387.13	2.18	48.28	Pass	Feed
12 / 7	3 : 46	5.30	21.18	21.17	98.97	382.61	2.04	47.53	Pass	Feed
12 / 8	8 : 57	5.30	21.14	21.16	97.20	354.21	2.11	47.20	Pass	Feed
12 / 9	3 : 48	5.30	21.08	21.12	96.00	347.40	2.14	48.54	Pass	Feed
12 / 10	4 : 2	5.30	21.09	21.11	99.21	333.89	1.98	54.73	Pass	Feed
12 / 11	5 : 0	5.30	21.01	21.03	89.43	335.33	2.42	56.29	Pass	Feed
12 / 12	4 : 28	5.30	21.22	21.25	81.28	454.02	3.03	48.26	Pass	Feed
12 / 13	5 : 16	5.30	21.12	21.15	91.58	340.33	2.37	47.53	Pass	Feed
12 / 14	3 : 30	5.30	21.23	21.26	97.37	339.95	2.10	50.41	Pass	Feed
12 / 15	8 : 25	5.30	21.19	21.22	115.05	322.72	1.50	49.87	Pass	Feed
12 / 16	3 : 36	5.30	21.13	21.17	107.68	325.87	1.70	50.76	Pass	Feed
12 / 17	4 : 23	5.30	21.25	21.29	97.20	336.86	2.11	50.43	Pass	Feed
12 / 18	8 : 40	5.30	21.23	21.24	96.64	333.36	2.14	49.98	Pass	Feed
12 / 19	3 : 42	5.30	21.13	21.18	72.92	592.76	3.71	51.39	Pass	Feed
12 / 20	5 : 14	5.30	21.21	21.24	81.69	487.75	3.00	47.08	Pass	Feed
12 / 21	11 : 25	5.30	20.98	20.99	69.06	795.24	4.12	46.89	Pass	Feed
12 / 22	8 : 31	5.30	21.07	21.09	71.50	623.89	3.88	45.61	Pass	Feed
12 / 23	4 : 39	5.30	21.11	21.16	84.01	443.95	2.82	45.05	Pass	Feed
12 / 24	4 : 8	5.30	21.11	21.16	112.40	326.94	1.58	44.15	Pass	Feed
12 / 25	2 : 16	5.30	21.03	21.06	119.42	284.72	1.39	44.58	Pass	Feed
12 / 26	3 : 31	5.30	21.15	21.18	123.24	275.51	1.31	46.00	Pass	Feed
12 / 27	8 : 7	5.30	21.14	21.19	104.15	357.50	1.84	46.07	Pass	Feed
12 / 28	9 : 49	5.30	21.21	21.25	182.37	179.85	0.60	49.08	Pass	Feed
12 / 29	8 : 11	5.30	20.92	20.95	86.64	479.69	2.61	45.94	Pass	Feed
12 / 30	5 : 24	5.30	20.99	21.02	91.42	495.20	2.35	46.56	Pass	Feed
12 / 31	3 : 52	5.30	21.18	21.21	98.77	434.40	2.05	46.70	Pass	Feed

Start Date    End Date  
 12/1/2023    12/31/2023

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
12 / 1	8 : 37	5.30	21.17	21.22	97.28	333.39	2.12	44.58	Pass	Feed
12 / 2	4 : 20	5.30	20.95	21.01	93.64	366.20	2.24	45.06	Pass	Feed
12 / 3	4 : 50	5.30	21.08	21.13	103.79	389.64	1.84	45.65	Pass	Feed
12 / 4	3 : 26	5.30	21.16	21.20	165.35	163.89	0.73	49.79	Pass	Feed
12 / 5	4 : 41	5.30	20.92	20.96	83.20	457.81	2.82	48.30	Pass	Feed
12 / 6	6 : 32	5.30	20.87	20.87	84.60	461.64	2.71	48.29	Pass	Feed
12 / 7	4 : 21	5.30	20.89	20.89	84.07	442.99	2.75	47.48	Pass	Feed
12 / 8	9 : 56	5.30	21.12	21.17	90.38	406.45	2.43	47.18	Pass	Feed
12 / 9	4 : 36	5.30	21.15	21.21	83.64	441.66	2.84	48.48	Pass	Feed
12 / 10	4 : 41	5.30	21.13	21.17	103.27	321.89	1.84	54.81	Pass	Feed
12 / 11	3 : 53	5.30	21.00	21.04	98.80	364.67	1.98	56.67	Pass	Feed
12 / 12	5 : 42	5.30	20.93	20.98	86.57	507.15	2.60	48.26	Pass	Feed
12 / 13	6 : 3	5.30	20.98	21.02	101.71	356.17	1.89	48.14	Pass	Feed
12 / 14	4 : 48	5.30	20.96	21.02	91.53	394.13	2.32	50.42	Pass	Feed
12 / 15	8 : 48	5.30	20.94	20.98	106.38	313.92	1.72	49.86	Pass	Feed
12 / 16	6 : 55	5.30	21.15	21.20	110.30	320.85	1.62	50.69	Pass	Feed
12 / 17	5 : 2	5.30	21.08	21.14	96.32	374.31	2.12	50.49	Pass	Feed
12 / 18	9 : 6	5.30	20.93	20.93	104.56	340.92	1.78	49.98	Pass	Feed
12 / 19	4 : 21	5.30	21.16	21.20	76.11	652.02	3.41	51.45	Pass	Feed
12 / 20	5 : 43	5.30	21.00	21.03	89.85	486.31	2.44	47.07	Pass	Feed
12 / 21	11 : 57	5.30	21.06	21.07	62.16	857.13	5.12	46.88	Pass	Feed
12 / 22	8 : 5	5.30	21.20	21.25	71.75	594.00	3.90	45.62	Pass	Feed
12 / 23	5 : 32	5.30	21.02	21.09	96.96	436.87	2.10	44.92	Pass	Feed
12 / 24	4 : 31	5.30	20.97	21.03	110.56	334.64	1.61	44.14	Pass	Feed
12 / 25	5 : 31	5.30	21.01	21.06	129.84	267.69	1.17	44.70	Pass	Feed
12 / 26	4 : 57	5.30	21.05	21.08	117.08	289.54	1.44	46.01	Pass	Feed
12 / 27	7 : 8	5.30	20.95	21.00	101.85	384.00	1.89	46.12	Pass	Feed
12 / 28	11 : 8	5.30	20.98	21.01	83.90	564.53	2.80	45.35	Pass	Feed
12 / 29	7 : 49	5.30	21.14	21.17	96.17	485.01	2.16	46.09	Pass	Feed
12 / 30	6 : 12	5.30	21.00	21.04	95.73	491.78	2.15	46.62	Pass	Feed
12 / 31	4 : 58	5.30	20.93	20.98	97.58	446.84	2.05	46.60	Pass	Feed