

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

County: **Linn**  
 Month/Year: **11/2023**  
 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	0.012	0.016	0.013	0.014	0.014	0.023
2	0.014	0.016	0.016	0.014	0.016	OFF	0.018
3	OFF	OFF	OFF	OFF	0.016	0.014	0.038
4	0.016	0.014	0.016	0.018	0.018	0.018	0.018
5	OFF	OFF	OFF	OFF	OFF	OFF	0.000
6	OFF	OFF	0.014	0.018	0.014	0.018	0.033
7	0.018	0.014	0.018	0.018	0.018	0.018	0.033
8	0.014	0.014	0.018	0.014	0.014	0.014	0.029
9	0.014	0.014	0.014	0.014	0.014	0.014	0.021
10	0.014	0.014	OFF	OFF	OFF	OFF	0.031
11	0.013	0.014	0.014	0.014	0.014	OFF	0.031
12	0.014	0.016	0.014	OFF	OFF	OFF	0.018
13	0.016	0.014	0.016	0.016	0.014	0.016	0.026
14	0.016	0.016	0.016	0.016	OFF	OFF	0.018
15	0.016	0.016	0.016	0.016	0.014	0.016	0.025
16	0.016	0.016	0.016	0.016	0.016	0.016	0.018
17	0.014	0.016	0.014	0.016	0.016	0.016	0.020
18	0.016	0.016	0.016	0.016	0.016	0.016	0.020
19	0.014	0.016	0.016	0.016	0.016	0.016	0.020
20	0.014	0.016	0.016	0.016	0.016	0.014	0.018
21	0.014	0.016	0.014	OFF	0.016	0.016	0.035
22	0.016	0.016	0.016	0.016	0.014	0.016	0.018
23	0.016	0.016	0.016	0.016	0.016	0.016	0.020
24	0.016	0.016	0.016	0.016	0.016	0.014	0.018
25	0.016	0.016	0.016	0.016	0.016	0.016	0.106
26	0.016	0.013	0.016	0.016	0.016	0.014	0.018
27	0.016	0.016	0.016	0.016	0.016	0.016	0.022
28	0.016	0.016	0.013	OFF	OFF	OFF	0.020
29	OFF	OFF	0.016	0.016	0.016	0.016	0.025
30	0.016	0.016	0.016	0.016	0.016	0.016	0.025
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? <sup>2</sup> <input checked="" type="radio"/> Yes / No	CT's met everyday? <input checked="" type="radio"/> Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No		
Notes: OFF = PLANT OFF	PRINTED NAME: <i>Tyson Keen</i>	
	SIGNATURE: <i>[Signature]</i>	DATE: 12-5-23
	PHONE #: 541-990-1254	CERT #: T09109

<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

Disinfection  
Giardia Log  
Inactive:

0.5

System Name: Lebanon, CITY OF ID#: 41-00473 Month/Year: 11/2023

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]
11/1/2023 11:01	0.9	67	57	14	7.8	19	Yes	3700
11/2/2023 15:34	1.1	52	55	14	7.7	19	Yes	3619
11/3/2023 20:14	0.8	67	56	15	7.7	17	Yes	3311
11/4/2023 6:19	1.1	67	71	15	7.7	18	Yes	3299
11/5/2023 0:00	Plant Off							0
11/6/2023 10:31	0.8	65	53	16	7.7	17	Yes	3547
11/7/2023 3:54	0.6	69	44	13	7.4	17	Yes	2990
11/8/2023 3:26	0.9	70	60	12	7.6	21	Yes	3033
11/9/2023 4:56	0.7	132	89	11	7.7	22	Yes	1570
11/10/2023 1:39	1.3	172	216	11	7.7	24	Yes	1277
11/11/2023 18:46	1.1	116	134	11	7.9	25	Yes	1783
11/12/2023 0:39	1.1	156	176	11	8.0	26	Yes	1340
11/13/2023 18:44	1.2	111	130	11	8.0	26	Yes	1839
11/14/2023 7:06	1.0	117	119	11	7.9	26	Yes	1945
11/15/2023 8:16	1.2	100	119	10	7.8	26	Yes	2029
11/16/2023 20:21	1.1	132	145	11	7.7	24	Yes	1667
11/17/2023 11:59	0.9	150	137	10	7.7	24	Yes	1410
11/18/2023 20:44	1.0	152	145	10	7.8	25	Yes	1473
11/19/2023 22:59	0.8	136	110	10	7.9	25	Yes	1424
11/20/2023 9:44	0.8	136	105	10	7.8	26	Yes	1530
11/21/2023 22:59	0.8	127	104	9	8.0	28	Yes	1660
11/22/2023 1:59	0.9	97	88	18	7.7	14	Yes	2051
11/23/2023 22:01	1.0	94	91	19	7.6	13	Yes	2176
11/24/2023 3:56	1.0	116	111	19	7.5	12	Yes	1680
11/25/2023 10:11	1.0	122	117	9	8.0	30	Yes	1774
11/26/2023 18:29	1.0	109	104	8	8.0	31	Yes	1952
11/27/2023 20:16	0.9	83	73	8	7.9	30	Yes	2508
11/28/2023 7:31	0.8	89	76	7	7.8	30	Yes	2425
11/29/2023 7:24	0.9	91	85	9	7.8	27	Yes	2274
11/30/2023 10:07	1.0	81	82	7	7.9	31	Yes	2383
31	#N/A		#N/A	#N/A	#N/A	#N/A		#N/A

<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.

Start Date 11/1/2023 End Date 11/30/2023

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
11 / 1	9 : 18	5.30	21.15	21.13	122.11	245.73	1.32	54.04	Pass	Feed
11 / 2	1 : 32	5.30	21.08	21.07	59.31	908.35	5.54	55.24	Pass	Feed
11 / 3	15 : 46	5.07	21.10	21.07	139.71	190.03	0.99	60.80	Pass	Feed
11 / 4	1 : 29	5.30	21.01	21.00	55.78	904.57	6.21	56.21	Pass	Feed
11 / 6	6 : 17	5.30	20.98	20.97	132.46	197.06	1.09	58.53	Pass	Feed
11 / 7	1 : 32	5.30	21.02	21.05	62.15	581.62	5.04	52.42	Pass	Feed
11 / 8	7 : 37	5.30	21.20	21.23	40.60	879.34	12.03	51.57	Pass	Feed
11 / 9	1 : 50	5.30	21.07	21.11	57.57	267.02	5.92	51.15	Pass	Feed
11 / 10	8 : 54	5.30	21.04	21.06	71.58	265.13	3.83	50.43	Pass	Feed
11 / 11	5 : 44	5.30	20.73	20.77	57.37	256.16	5.80	50.46	Pass	Feed
11 / 12	1 : 28	5.30	20.93	20.95	65.63	347.25	7.04	50.99	Pass	Feed
11 / 13	3 : 12	5.30	21.03	21.05	51.19	399.81	7.47	50.58	Pass	Feed
11 / 14	1 : 23	5.30	21.19	21.21	55.26	527.04	7.33	49.21	Pass	Feed
11 / 15	4 : 52	5.30	21.08	21.12	57.42	528.85	5.98	48.98	Pass	Feed
11 / 16	1 : 34	5.30	21.00	21.02	71.01	375.50	3.88	50.24	Pass	Feed
11 / 17	10 : 5	5.30	21.19	21.23	95.24	359.03	2.20	48.74	Pass	Feed
11 / 18	1 : 50	5.30	21.22	21.25	104.05	282.80	1.84	49.22	Pass	Feed
11 / 19	1 : 59	5.30	21.29	21.32	100.12	287.38	2.00	49.17	Pass	Feed
11 / 20	3 : 13	5.30	21.26	21.31	101.47	303.92	1.95	47.85	Pass	Feed
11 / 21	1 : 24	5.30	21.04	21.09	91.04	370.81	2.38	47.37	Pass	Feed
11 / 22	5 : 36	5.30	21.14	21.18	79.23	429.20	3.17	48.12	Pass	Feed
11 / 23	1 : 24	5.30	21.20	21.23	83.96	500.51	2.83	48.30	Pass	Feed
11 / 24	8 : 35	5.30	21.07	21.08	114.94	246.10	1.50	46.61	Pass	Feed
11 / 25	1 : 31	5.30	21.24	21.28	93.78	358.13	2.29	45.91	Pass	Feed
11 / 26	1 : 39	5.30	21.29	21.34	85.08	414.15	2.80	44.63	Pass	Feed
11 / 27	4 : 0	5.30	21.12	21.16	90.98	318.45	2.42	44.07	Pass	Feed
11 / 28	1 : 36	5.30	21.19	21.26	59.84	716.32	5.62	43.74	Pass	Feed
11 / 29	7 : 55	5.30	21.09	21.15	86.17	535.78	2.68	43.92	Pass	Feed
11 / 30	1 : 47	5.30	21.22	21.28	83.54	566.47	2.89	44.42	Pass	Feed

Start Date End Date  
 11/1/2023 11/30/2023

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
11 / 1	8 : 38	5.30	20.97	20.98	108.37	243.31	1.65	54.11	Pass	Feed
11 / 2	2 : 22	5.30	21.12	21.13	60.03	818.62	5.43	55.24	Pass	Feed
11 / 3	16 : 45	5.30	21.00	21.00	104.49	263.58	1.77	56.85	Pass	Feed
11 / 4	2 : 48	5.30	21.11	21.11	54.15	801.78	6.65	56.17	Pass	Feed
11 / 6	5 : 53	5.11	20.93	20.89	106.25	268.20	1.68	62.73	Pass	Feed
11 / 7	2 : 30	5.30	20.85	20.87	54.64	608.21	6.43	52.38	Pass	Feed
11 / 8	5 : 43	5.30	20.97	20.96	56.73	441.56	6.04	51.80	Pass	Feed
11 / 9	2 : 20	5.30	21.02	21.02	92.85	328.87	2.27	51.02	Pass	Feed
11 / 10	8 : 9	5.30	20.97	20.99	74.36	268.39	3.52	50.43	Pass	Feed
11 / 11	4 : 47	5.30	20.95	20.96	71.25	267.07	3.83	50.55	Pass	Feed
11 / 12	2 : 39	5.30	20.96	20.96	77.61	411.53	2.42	50.97	Pass	Feed
11 / 13	2 : 43	5.30	21.03	21.04	82.25	418.29	2.89	50.64	Pass	Feed
11 / 14	2 : 22	5.30	20.94	20.95	80.18	515.77	3.50	49.21	Pass	Feed
11 / 15	5 : 19	5.30	21.19	21.21	79.21	535.75	3.17	48.95	Pass	Feed
11 / 16	2 : 32	5.30	21.06	21.07	88.44	412.94	2.51	50.27	Pass	Feed
11 / 17	10 : 56	5.30	21.17	21.19	101.68	299.65	1.92	48.74	Pass	Feed
11 / 18	2 : 44	5.30	21.07	21.09	112.74	255.40	1.55	49.16	Pass	Feed
11 / 19	2 : 31	5.30	20.98	20.99	92.88	314.99	2.27	49.15	Pass	Feed
11 / 20	3 : 54	5.30	21.02	21.05	86.57	318.93	2.62	47.79	Pass	Feed
11 / 21	2 : 22	5.30	20.90	20.93	84.28	356.71	2.74	47.33	Pass	Feed
11 / 22	6 : 14	5.30	21.15	21.17	103.11	397.58	1.87	48.10	Pass	Feed
11 / 23	2 : 21	5.30	20.94	20.97	118.34	196.18	1.39	48.19	Pass	Feed
11 / 24	10 : 7	5.30	21.08	21.11	120.21	253.60	1.37	46.52	Pass	Feed
11 / 25	2 : 43	5.30	21.05	21.10	97.82	371.71	2.07	45.70	Pass	Feed
11 / 26	2 : 21	5.30	21.20	21.25	88.88	415.51	2.54	44.51	Pass	Feed
11 / 27	3 : 14	5.30	21.15	21.20	105.93	299.84	1.79	44.15	Pass	Feed
11 / 28	2 : 33	5.30	20.97	21.03	70.06	613.70	4.02	43.59	Pass	Feed
11 / 29	7 : 20	5.30	21.17	21.22	73.00	524.84	3.76	44.91	Pass	Feed
11 / 30	2 : 28	5.30	20.98	21.03	66.06	638.69	4.52	44.43	Pass	Feed

Start Date    End Date  
 11/1/2023    11/30/2023

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
11 / 1	7 : 42	5.30	21.06	21.08	112.20	255.02	1.55	54.33	Pass	Feed
11 / 2	3 : 26	5.30	21.05	21.06	78.01	803.00	3.19	55.22	Pass	Feed
11 / 3	17 : 8	5.30	21.00	21.02	71.63	803.28	3.76	56.25	Pass	Feed
11 / 4	3 : 20	5.30	20.95	20.95	68.07	825.93	4.15	56.13	Pass	Feed
11 / 6	8 : 3	5.30	21.14	21.16	52.91	951.94	7.02	53.35	Pass	Feed
11 / 7	4 : 6	5.30	21.17	21.18	135.31	186.11	1.08	52.41	Pass	Feed
11 / 8	6 : 13	5.30	21.04	21.06	104.73	249.50	1.78	51.81	Pass	Feed
11 / 9	5 : 57	5.30	20.97	20.99	62.99	314.92	4.91	50.77	Pass	Feed
11 / 10	7 : 43	5.30	20.61	20.63	61.79	254.29	4.95	50.46	Pass	Feed
11 / 11	3 : 59	5.30	21.24	21.22	53.26	238.11	7.02	50.98	Pass	Feed
11 / 12	4 : 14	5.30	21.16	21.17	80.87	391.56	3.42	50.98	Pass	Feed
11 / 13	2 : 19	5.30	20.91	20.91	77.99	385.89	3.19	50.69	Pass	Feed
11 / 14	5 : 34	5.30	21.15	21.16	96.58	499.59	3.07	49.21	Pass	Feed
11 / 15	4 : 18	5.30	21.05	21.06	82.06	498.79	2.92	49.00	Pass	Feed
11 / 16	5 : 0	5.30	21.21	21.22	96.87	408.88	2.12	50.00	Pass	Feed
11 / 17	10 : 30	5.30	21.05	21.06	102.63	341.56	1.87	48.74	Pass	Feed
11 / 18	3 : 41	5.30	21.13	21.15	107.79	314.77	1.70	49.11	Pass	Feed
11 / 19	4 : 21	5.30	21.03	21.05	100.72	307.14	1.94	49.04	Pass	Feed
11 / 20	4 : 44	5.30	21.03	21.06	97.93	303.83	2.05	47.56	Pass	Feed
11 / 21	3 : 18	5.30	20.84	20.87	88.27	370.45	2.49	47.31	Pass	Feed
11 / 22	4 : 21	5.30	21.24	21.27	86.26	398.71	2.69	48.13	Pass	Feed
11 / 23	3 : 30	5.30	21.06	21.10	75.39	496.23	3.47	48.10	Pass	Feed
11 / 24	7 : 41	5.30	20.85	20.89	105.08	252.29	1.76	46.62	Pass	Feed
11 / 25	3 : 40	5.30	21.14	21.19	84.63	381.78	2.79	45.49	Pass	Feed
11 / 26	4 : 3	5.30	21.20	21.26	88.03	463.81	2.60	44.32	Pass	Feed
11 / 27	2 : 30	5.30	21.21	21.27	107.85	312.47	1.73	44.21	Pass	Feed
11 / 28	3 : 36	5.30	21.07	21.14	73.03	604.41	3.74	43.47	Pass	Feed
11 / 29	11 : 29	5.30	20.75	20.79	163.21	174.97	0.71	51.25	Pass	Feed
11 / 30	11 : 30	5.30	21.08	21.13	70.75	575.96	3.97	44.42	Pass	Feed

Start Date    End Date  
 11/1/2023    11/30/2023

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
11 / 1	8 : 8	5.30	21.11	21.13	132.91	244.23	1.11	54.08	Pass	Feed
11 / 2	5 : 0	5.30	20.94	20.96	89.70	492.51	2.39	55.21	Pass	Feed
11 / 3	16 : 21	5.30	20.81	20.82	130.94	241.36	1.11	56.85	Pass	Feed
11 / 4	4 : 43	5.30	21.04	21.04	63.43	807.38	4.82	56.11	Pass	Feed
11 / 6	6 : 40	5.30	21.07	21.09	64.14	760.70	4.72	57.01	Pass	Feed
11 / 7	4 : 27	5.30	20.97	20.99	120.35	227.23	1.34	52.41	Pass	Feed
11 / 8	6 : 51	5.30	21.00	21.04	47.76	753.54	8.54	51.71	Pass	Feed
11 / 9	6 : 24	5.30	20.97	20.99	71.62	326.55	3.80	50.74	Pass	Feed
11 / 10	9 : 48	5.30	21.16	21.16	63.24	250.80	4.95	50.35	Pass	Feed
11 / 11	4 : 23	5.30	20.67	20.69	47.00	271.06	8.59	50.57	Pass	Feed
11 / 12	5 : 4	5.30	21.12	21.15	44.58	346.68	16.10	50.97	Pass	Feed
11 / 13	3 : 34	5.30	21.13	21.15	36.83	374.28	14.56	50.52	Pass	Feed
11 / 14	5 : 59	5.30	20.93	20.97	44.16	585.48	15.21	49.20	Pass	Feed
11 / 15	5 : 48	5.30	20.95	20.99	40.33	413.49	11.99	48.93	Pass	Feed
11 / 16	5 : 43	5.30	20.96	20.99	62.79	392.38	4.94	49.89	Pass	Feed
11 / 17	9 : 40	5.30	21.15	21.20	87.40	311.24	2.60	49.21	Pass	Feed
11 / 18	4 : 26	5.30	20.91	20.94	104.73	315.61	1.77	49.06	Pass	Feed
11 / 19	5 : 3	5.30	21.12	21.17	92.37	339.40	2.32	48.99	Pass	Feed
11 / 20	2 : 24	5.30	21.07	21.12	102.59	302.83	1.88	48.05	Pass	Feed
11 / 21	4 : 29	5.30	20.98	21.04	86.33	406.07	2.63	47.21	Pass	Feed
11 / 22	4 : 56	5.30	20.99	21.02	100.50	387.61	1.94	48.13	Pass	Feed
11 / 23	4 : 30	5.30	20.94	20.99	79.16	536.75	3.12	48.04	Pass	Feed
11 / 24	9 : 21	5.30	21.16	21.22	117.44	238.65	1.45	46.58	Pass	Feed
11 / 25	4 : 20	5.30	21.11	21.17	98.48	363.78	2.05	45.40	Pass	Feed
11 / 26	4 : 44	5.30	21.15	21.22	80.23	482.18	3.11	44.20	Pass	Feed
11 / 27	4 : 45	5.30	20.94	21.00	103.20	317.73	1.85	43.98	Pass	Feed
11 / 28	4 : 33	5.30	21.12	21.21	111.42	300.08	1.61	43.37	Pass	Feed
11 / 29	6 : 19	5.30	21.14	21.15	86.78	420.51	2.66	42.91	Pass	Feed
11 / 30	4 : 11	5.30	21.01	21.08	67.34	624.65	4.36	44.41	Pass	Feed