

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

County: **Linn**
 Month/Year: **1/2024**
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	0.012	0.014	0.014	0.038
2	0.014	0.014	0.016	0.015	0.013	0.012	0.016
3	0.016	0.012	OFF	OFF	OFF	OFF	0.018
4	OFF	OFF	OFF	0.013	0.013	0.013	0.047
5	0.012	0.013	0.012	0.012	0.013	0.012	0.016
6	0.012	0.013	0.012	0.013	0.014	0.014	0.015
7	0.014	0.014	0.014	OFF	OFF	OFF	0.014
8	OFF	OFF	OFF	OFF	0.014	0.012	0.038
9	0.014	0.014	0.014	0.014	0.014	0.014	0.038
10	0.013	0.013	0.014	OFF	OFF	OFF	0.029
11	OFF	OFF	OFF	OFF	0.014	0.014	0.035
12	0.014	0.013	0.014	0.013	0.014	0.014	0.018
13	0.014	0.014	0.013	0.014	0.014	0.013	0.031
14	0.013	0.012	0.012	0.013	0.014	0.016	0.068
15	0.012	0.013	0.013	0.016	0.016	0.012	0.077
16	0.014	0.014	0.014	0.012	0.014	0.014	0.029
17	0.014	0.012	0.014	0.014	0.013	0.014	0.068
18	0.014	0.014	0.014	OFF	OFF	OFF	0.040
19	OFF	OFF	0.014	0.012	0.014	0.013	0.057
20	0.014	0.014	0.014	0.014	0.014	0.014	0.029
21	0.012	0.014	0.014	0.016	0.016	0.014	0.042
22	0.014	0.014	OFF	OFF	OFF	OFF	0.090
23	OFF	OFF	OFF	0.013	0.014	0.012	0.095
24	0.014	0.012	0.012	0.013	0.014	0.013	0.027
25	0.012	0.013	0.013	OFF	OFF	OFF	0.018
26	OFF	OFF	OFF	0.014	OFF	0.014	0.082
27	0.014	0.014	0.014	0.014	0.014	0.013	0.020
28	0.013	0.014	0.013	0.014	0.014	0.013	0.019
29	0.013	0.014	0.012	OFF	OFF	OFF	0.018
30	OFF	OFF	OFF	OFF	OFF	0.014	0.069
31	0.012	0.022	0.013	0.014	0.014	0.013	0.073

Slow Sand/Membrane/DE Filtration/Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes / <input type="radio"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No	Monthly Summary (Answer Yes or No) CT's met everyday? <input checked="" type="radio"/> Yes / <input type="radio"/> No All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No	
	PRINTED NAME: <i>Tyson Keene</i> SIGNATURE: <i>[Signature]</i> DATE: <i>2-6-24</i> PHONE #: <i>541-990-1254</i> CERT #: <i>109109</i>	
Notes: OFF = PLANT OFF		

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: 1/2024

**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]
1/1/2024 9:19	0.9	109	94	10	7.7	25	Yes	2131
1/2/2024 14:46	0.9	102	89	8	7.8	28	Yes	2138
1/3/2024 1:59	0.9	102	95	8	7.8	29	Yes	2139
1/4/2024 12:54	0.8	87	74	9	7.8	26	Yes	2540
1/5/2024 14:06	0.9	96	84	9	7.8	27	Yes	2450
1/6/2024 12:49	0.9	92	84	8	7.8	28	Yes	2410
1/7/2024 5:31	0.9	98	91	8	7.8	29	Yes	2357
1/8/2024 16:21	0.8	80	68	9	7.7	26	Yes	2601
1/9/2024 16:31	0.9	70	62	8	8.0	31	Yes	3096
1/10/2024 2:11	0.8	65	54	8	7.9	30	Yes	2948
1/11/2024 15:29	0.9	88	79	9	7.7	26	Yes	2612
1/12/2024 20:41	1.0	90	87	8	7.8	29	Yes	2618
1/13/2024 10:51	1.0	111	112	8	7.8	30	Yes	2028
1/14/2024 11:51	0.9	146	129	7	7.8	31	Yes	1429
1/15/2024 8:31	0.9	101	90	7	8.0	33	Yes	1872
1/16/2024 8:35	0.8	101	86	7	7.7	31	Yes	2288
1/17/2024 23:38	0.8	135	109	6	7.8	32	Yes	1662
1/18/2024 8:08	0.8	91	72	7	7.7	30	Yes	2126
1/19/2024 7:20	0.7	86	62	9	7.7	25	Yes	2543
1/20/2024 14:48	0.9	101	89	8	7.7	29	Yes	2226
1/21/2024 17:57	0.9	78	72	8	7.7	28	Yes	2699
1/22/2024 3:52	0.9	99	91	8	7.7	28	Yes	1920
1/23/2024 14:37	0.9	75	67	9	7.7	27	Yes	2853
1/24/2024 22:17	1.0	79	76	8	7.9	29	Yes	2854
1/25/2024 3:00	1.0	73	70	8	7.9	29	Yes	2880
1/26/2024 11:35	0.9	87	81	9	7.8	27	Yes	2762
1/27/2024 4:52	0.9	67	63	8	7.7	27	Yes	2906
1/28/2024 19:55	0.9	97	90	9	7.7	26	Yes	2317
1/29/2024 2:47	1.0	100	96	10	7.6	24	Yes	2343
1/30/2024 17:05	0.8	65	55	10	7.7	24	Yes	3140
1/31/2024	0.9	68	63	9	7.8	27	Yes	3213

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

Start Date End Date
 1/1/2024 1/31/2024

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		MIT Type
								Temp F	Pass / Fail	
1 / 1	9 : 45	5.30	21.22	21.25	169.07	204.23	0.70	48.28	Pass	Feed
1 / 2	1 : 56	5.30	21.18	21.22	81.61	553.23	3.01	45.22	Pass	Feed
1 / 3	6 : 28	5.30	21.12	21.17	80.11	540.34	3.11	44.92	Pass	Feed
1 / 4	13 : 35	5.30	21.25	21.30	67.38	697.45	4.43	45.84	Pass	Feed
1 / 5	8 : 7	5.30	21.33	21.38	81.80	513.05	3.03	45.12	Pass	Feed
1 / 6	1 : 45	5.30	21.32	21.38	82.05	503.35	3.01	45.37	Pass	Feed
1 / 7	1 : 28	5.30	21.23	21.29	80.59	504.33	3.10	44.56	Pass	Feed
1 / 8	6 : 23	5.30	21.13	21.11	104.15	272.10	1.84	44.04	Pass	Feed
1 / 9	4 : 31	5.30	21.14	21.20	73.27	547.97	3.72	44.89	Pass	Feed
1 / 10	5 : 6	5.30	20.97	21.01	70.95	637.17	3.92	44.38	Pass	Feed
1 / 11	10 : 13	5.30	21.25	21.25	75.55	748.97	3.54	44.15	Pass	Feed
1 / 12	7 : 20	5.30	21.27	21.32	75.94	634.11	3.51	44.34	Pass	Feed
1 / 13	1 : 47	5.30	21.13	21.16	78.66	504.11	3.23	44.23	Pass	Feed
1 / 14	1 : 53	5.30	21.19	21.27	94.53	273.82	2.26	42.69	Pass	Feed
1 / 15	2 : 33	5.30	21.30	21.37	91.46	292.60	2.43	42.95	Pass	Feed
1 / 16	1 : 43	5.30	21.28	21.36	73.41	433.52	3.77	42.19	Pass	Feed
1 / 17	7 : 52	5.30	21.16	21.23	82.52	314.21	2.96	42.31	Pass	Feed
1 / 18	2 : 9	5.30	21.39	21.43	86.37	350.26	2.75	43.10	Pass	Feed
1 / 19	10 : 15	5.30	21.30	21.37	66.69	749.56	4.56	44.59	Pass	Feed
1 / 20	1 : 35	5.30	21.32	21.37	83.81	481.80	2.88	45.88	Pass	Feed
1 / 21	1 : 46	5.30	21.15	21.20	82.12	472.44	2.95	48.37	Pass	Feed
1 / 22	5 : 17	5.30	21.24	21.28	86.44	405.73	2.68	48.71	Pass	Feed
1 / 23	9 : 27	5.27	21.15	21.12	73.33	406.79	3.69	49.40	Pass	Feed
1 / 24	1 : 15	5.30	21.10	21.14	60.49	765.45	5.44	45.18	Pass	Feed
1 / 25	1 : 35	5.30	21.22	21.26	74.55	675.83	3.62	45.36	Pass	Feed
1 / 26	6 : 26	5.30	21.00	20.99	68.35	699.57	4.23	45.13	Pass	Feed
1 / 27	0 : 21	5.30	21.18	21.22	61.64	767.83	5.27	45.57	Pass	Feed
1 / 28	0 : 29	5.30	21.09	21.12	72.83	575.96	3.74	46.91	Pass	Feed
1 / 29	0 : 43	5.30	21.23	21.26	63.82	676.20	4.92	47.87	Pass	Feed
1 / 30	0 : 24	5.30	20.99	21.00	63.36	626.22	4.89	46.97	Pass	Feed
1 / 31	1 : 27	5.30	21.16	21.17	67.58	876.62	4.36	47.40	Pass	Feed

Start Date End Date
 1/1/2024 1/31/2024

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
1 / 1	9 : 6	5.30	20.98	20.96	94.50	360.35	2.20	46.20	Pass	Feed
1 / 2	2 : 33	5.30	21.16	21.21	78.26	521.21	3.27	45.20	Pass	Feed
1 / 3	6 : 2	5.30	21.06	21.09	76.45	549.44	3.40	45.05	Pass	Feed
1 / 4	12 : 57	5.30	20.99	21.02	77.32	615.54	3.29	45.77	Pass	Feed
1 / 5	9 : 25	5.30	20.95	20.98	83.81	522.95	2.80	45.01	Pass	Feed
1 / 6	2 : 50	5.30	20.99	21.03	82.25	516.17	2.91	45.30	Pass	Feed
1 / 7	2 : 46	5.30	21.06	21.10	80.53	509.34	3.06	44.48	Pass	Feed
1 / 8	6 : 47	5.30	20.92	20.90	101.56	287.90	1.90	44.08	Pass	Feed
1 / 9	3 : 48	5.30	21.00	21.02	75.00	580.07	3.51	44.81	Pass	Feed
1 / 10	5 : 28	5.30	21.01	21.06	76.06	649.20	3.42	44.37	Pass	Feed
1 / 11	9 : 46	5.30	21.08	21.06	60.98	828.81	5.35	44.15	Pass	Feed
1 / 12	8 : 29	5.30	20.96	21.02	69.86	627.64	4.04	44.36	Pass	Feed
1 / 13	2 : 40	5.30	21.13	21.19	73.93	539.44	3.66	44.17	Pass	Feed
1 / 14	3 : 13	5.30	21.03	21.07	94.31	295.94	2.24	42.63	Pass	Feed
1 / 15	3 : 35	5.30	21.07	21.11	92.53	298.81	2.33	42.91	Pass	Feed
1 / 16	2 : 28	5.30	21.10	21.17	76.41	426.75	3.43	42.20	Pass	Feed
1 / 17	5 : 54	5.30	21.02	21.05	93.25	311.44	2.29	42.07	Pass	Feed
1 / 18	2 : 53	5.30	21.10	21.13	99.70	352.72	2.01	43.22	Pass	Feed
1 / 19	10 : 53	5.30	21.02	21.08	67.15	666.61	4.38	45.55	Pass	Feed
1 / 20	2 : 38	5.30	21.07	21.12	82.31	440.85	2.92	47.05	Pass	Feed
1 / 21	2 : 53	5.30	21.16	21.20	77.27	475.11	3.33	48.19	Pass	Feed
1 / 22	4 : 23	5.30	21.00	21.03	80.31	420.16	3.04	48.87	Pass	Feed
1 / 23	5 : 21	5.30	21.06	21.05	79.22	409.08	3.14	49.41	Pass	Feed
1 / 24	0 : 24	5.30	21.06	21.08	73.82	679.30	3.64	45.19	Pass	Feed
1 / 25	0 : 19	5.30	21.03	21.06	72.95	645.59	3.72	45.40	Pass	Feed
1 / 26	7 : 50	5.30	20.94	20.92	65.95	697.05	4.51	45.14	Pass	Feed
1 / 27	1 : 28	5.30	21.02	21.04	67.17	683.49	4.38	45.59	Pass	Feed
1 / 28	0 : 50	5.30	21.13	21.15	71.38	552.49	3.90	46.93	Pass	Feed
1 / 29	1 : 10	5.30	21.16	21.17	68.50	602.22	4.24	47.81	Pass	Feed
1 / 30	10 : 12	5.30	21.06	21.06	66.83	577.61	4.43	46.97	Pass	Feed
1 / 31	1 : 59	5.30	21.10	21.12	56.12	833.34	6.29	47.42	Pass	Feed

Start Date End Date
 1/1/2024 1/31/2024

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
1 / 1	7 : 54	5.30	21.13	21.11	87.09	529.82	2.63	46.16	Pass	Feed
1 / 2	3 : 35	5.30	21.10	21.13	75.15	580.85	3.53	45.20	Pass	Feed
1 / 3	6 : 54	5.30	21.26	21.31	74.81	565.63	3.61	44.86	Pass	Feed
1 / 4	6 : 19	5.30	21.09	21.09	72.25	562.84	3.81	44.80	Pass	Feed
1 / 5	7 : 23	5.30	21.01	21.05	82.71	567.00	2.89	45.25	Pass	Feed
1 / 6	3 : 21	5.30	21.12	21.16	82.96	544.09	2.90	45.27	Pass	Feed
1 / 7	4 : 20	5.30	21.16	21.20	80.46	527.91	3.10	44.33	Pass	Feed
1 / 8	7 : 10	5.30	21.13	21.14	100.42	288.02	1.98	44.08	Pass	Feed
1 / 9	5 : 12	5.30	21.24	21.28	72.53	604.96	3.83	44.88	Pass	Feed
1 / 10	5 : 52	5.30	21.28	21.33	65.59	730.16	4.71	44.32	Pass	Feed
1 / 11	8 : 48	5.30	20.97	20.98	60.03	734.66	5.48	44.15	Pass	Feed
1 / 12	7 : 53	5.30	21.22	21.28	71.14	647.41	3.98	44.37	Pass	Feed
1 / 13	3 : 23	5.30	21.22	21.29	85.14	545.43	2.78	44.12	Pass	Feed
1 / 14	4 : 36	5.30	21.14	21.22	108.00	283.63	1.72	42.66	Pass	Feed
1 / 15	4 : 13	5.30	20.97	21.04	100.87	287.04	1.94	42.90	Pass	Feed
1 / 16	3 : 46	5.30	21.13	21.21	78.38	437.52	3.27	42.17	Pass	Feed
1 / 17	6 : 44	5.30	21.26	21.32	86.75	327.34	2.70	42.26	Pass	Feed
1 / 18	3 : 36	5.30	21.26	21.30	86.58	336.84	2.70	43.26	Pass	Feed
1 / 19	9 : 36	5.30	21.18	21.24	68.88	520.59	4.23	44.33	Pass	Feed
1 / 20	3 : 40	5.30	21.13	21.18	79.69	490.49	3.13	47.06	Pass	Feed
1 / 21	4 : 7	5.30	21.18	21.22	88.41	489.31	2.55	48.22	Pass	Feed
1 / 22	2 : 43	5.30	21.03	21.05	84.90	421.11	2.73	48.93	Pass	Feed
1 / 23	9 : 55	5.30	21.14	21.15	82.64	412.16	2.90	49.46	Pass	Feed
1 / 24	1 : 41	5.30	21.12	21.16	64.78	687.82	4.75	45.19	Pass	Feed
1 / 25	0 : 55	5.30	21.10	21.14	67.67	678.32	4.34	45.38	Pass	Feed
1 / 26	6 : 54	5.30	21.03	21.03	75.92	716.51	3.43	45.14	Pass	Feed
1 / 27	1 : 7	5.30	21.10	21.15	75.44	673.84	3.50	45.57	Pass	Feed
1 / 28	1 : 57	5.30	21.07	21.08	79.75	541.13	3.11	47.01	Pass	Feed
1 / 29	1 : 33	5.30	21.05	21.08	78.35	565.11	3.21	47.81	Pass	Feed
1 / 30	10 : 36	5.30	21.02	21.03	72.01	582.58	3.80	46.97	Pass	Feed
1 / 31	0 : 44	5.30	21.19	21.21	61.89	801.05	5.21	47.41	Pass	Feed

Start Date End Date
 1/1/2024 1/31/2024

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
1 / 1	8 : 42	5.30	20.86	20.86	89.10	430.77	2.45	46.21	Pass	Feed
1 / 2	4 : 49	5.30	21.01	21.07	73.92	612.58	3.62	45.13	Pass	Feed
1 / 3	9 : 7	5.30	21.17	21.20	83.80	537.83	2.85	44.81	Pass	Feed
1 / 4	9 : 18	5.30	21.06	21.06	83.41	537.83	2.85	44.81	Pass	Feed
1 / 5	8 : 44	5.30	21.07	21.13	75.42	577.18	3.49	45.06	Pass	Feed
1 / 6	4 : 47	5.30	20.92	20.98	88.13	565.11	2.52	45.09	Pass	Feed
1 / 7	5 : 19	5.30	21.08	21.15	74.37	610.77	3.60	44.25	Pass	Feed
1 / 8	7 : 42	5.30	20.96	20.97	117.40	277.94	1.43	44.08	Pass	Feed
1 / 9	5 : 54	5.30	21.06	21.12	67.94	647.00	4.30	44.88	Pass	Feed
1 / 10	6 : 39	5.30	21.04	21.12	65.43	759.31	4.64	44.27	Pass	Feed
1 / 11	6 : 20	5.30	20.85	20.85	64.27	724.31	4.73	44.15	Pass	Feed
1 / 12	9 : 8	5.30	21.15	21.19	89.53	572.71	2.50	44.38	Pass	Feed
1 / 13	4 : 39	5.30	20.98	21.06	79.20	572.71	3.15	44.01	Pass	Feed
1 / 14	5 : 43	5.30	21.01	21.10	107.12	297.99	1.73	42.69	Pass	Feed
1 / 15	3 : 2	5.30	20.97	21.05	106.48	285.81	1.74	42.95	Pass	Feed
1 / 16	4 : 53	5.30	21.05	21.14	85.30	430.76	2.74	42.11	Pass	Feed
1 / 17	6 : 24	5.30	21.06	21.12	89.70	334.91	2.48	42.22	Pass	Feed
1 / 18	8 : 14	5.30	21.02	21.08	77.40	501.86	3.31	43.62	Pass	Feed
1 / 19	8 : 55	5.30	21.09	21.14	74.54	514.74	3.59	43.75	Pass	Feed
1 / 20	8 : 10	5.30	20.99	21.06	90.69	488.04	2.38	48.27	Pass	Feed
1 / 21	4 : 53	5.30	21.08	21.13	86.94	492.83	2.61	48.19	Pass	Feed
1 / 22	3 : 31	5.30	21.07	21.11	87.22	437.95	2.59	48.88	Pass	Feed
1 / 23	10 : 19	5.30	21.12	21.13	84.13	436.06	2.79	49.37	Pass	Feed
1 / 24	0 : 47	5.30	21.13	21.18	68.32	673.76	4.27	45.19	Pass	Feed
1 / 25	2 : 16	5.30	20.98	21.03	69.53	669.12	4.07	45.36	Pass	Feed
1 / 26	7 : 26	5.30	20.94	20.96	67.22	703.03	4.34	45.13	Pass	Feed
1 / 27	0 : 41	5.30	21.00	21.04	60.83	744.94	5.33	45.57	Pass	Feed
1 / 28	1 : 12	5.30	20.88	20.90	71.25	550.27	3.83	46.95	Pass	Feed
1 / 29	0 : 18	5.30	21.00	21.05	65.71	625.76	4.55	47.93	Pass	Feed
1 / 30	11 : 49	5.30	20.88	20.89	63.48	605.75	4.83	46.98	Pass	Feed
1 / 31	0 : 20	5.30	20.98	21.02	62.07	787.92	5.09	47.40	Pass	Feed