

OHA - Drinking Water Services - Turbidity Monitoring Report Form County: Linn  
 Slow Sand, Membrane, Diatomaceous Earth Filtration or Unfiltered Systems

System Name: Lyons-Mehama Water District ID #: 410048 WTP: AA Month/Year: July 2024

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1							
2			0.040				0.040
3			0.038				0.038
4			0.041				0.041
5			.040				.040
6			0.039				0.039
7			.060				.060
8			.052				.052
9			0.055				0.055
10			0.058				0.058
11			0.055				0.055
12			0.055				0.055
13			0.051				0.051
14			1.052				1.052
15			.055				.055
16			0.050				0.050
17			0.067				0.067
18			0.055				0.055
19			0.052				0.052
20			0.049				0.049
21			.062				.062
22			.053				.053
23			0.052				0.052
24			.051				.051
25			.058				.058
26			.049				.049
27			0.048				0.048
28			.053				.053
29			.055				.055
30			0.048				0.048
31			0.050				0.050

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
Monthly Summary 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Notes:		PRINTED NAME: <u>John Markert</u>	DATE: <u>7-31-2024</u>
		SIGNATURE: <u>John Markert</u>	CERT #: <u>7309712</u>
		PHONE #: <u>1503-7551-8653</u>	

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. <sup>2</sup> Filtered systems only.

## OHA - Drinking Water Services - Surface Water Quality Data Form

System Name:

ID #:

WTP:

Month/Year:

Lyons Mehama Water District 4100493 AA July 2024

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> 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]	CXT	[°C]		Use tables	Yes / No	[GPM]
1/7/24	0.69	61	42	13.4	6.92	29	yes	565
2/7/24	0.62	61	38	13.1	6.78	27	yes	565
3/7/24	0.80	61	49	13.3	6.83	27	yes	565
4/7/24	0.74	61	45	13.3	6.89	25	yes	565
5/7/24	0.79	61	48	13.3	6.53	25	yes	565
6/7/24	0.69	61	47	13.9	6.56	25	yes	565
7/7/24	0.65	61	40	13.8	6.93	29	yes	565
8/7/24	1.07	61	65	14.4	7.02	29	yes	565
9/7/24	0.64	61	39	14.2	7.24	29	yes	565
10/7/24	0.70	61	43	14.1	7.06	25	yes	565
11/7/24	0.73	61	45	13.8	7.22	33	yes	565
12/7/24	0.75	61	46	13.8	7.19	32	yes	565
13/8/24	0.76	61	46	13.7	7.10	30	yes	565
14/10/24	0.74	61	48	13.6	7.18	32	yes	565
15/7/24	0.79	61	48	14.0	6.97	27	yes	565
16/7/24	0.77	61	47	14.3	7.13	28	yes	565
17/7/24	1.11	61	68	14.6	6.92	28	yes	565
18/7/24	1.25	61	76	14.3	6.93	29	yes	565
19/7/24	1.50	61	92	14.0	6.95	29	yes	565
20/9/24	1.66	61	101	14.2	6.89	29	yes	565
21/8/24	1.66	61	101	14.7	7.03	28	yes	565
22/7/24	1.65	61	101	14.1	6.89	29	yes	565
23/7/24	1.77	61	108	14.1	6.96	27	yes	565
24/7/24	1.70	61	104	14.3	7.04	28	yes	565
25/7/24	1.61	61	98	14.4	7.15	32	yes	565
26/7/24	1.54	61	94	14.2	7.08	30	yes	565
27/11/24	1.68	61	103	13.8	7.07	34	yes	565
28/11/24	1.60	61	98	13.9	7.18	34	yes	565
29/7/24	1.62	61	99	14.1	7.07	30	yes	565
30/7/24	1.66	61	101	14.2	6.93	30	yes	565
31/7/24	1.70	61	104	14.5	6.86	29	yes	565

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l OR CT not met, notify DWS within 24 hours.

Revised September 2016

 Download form at: [public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-all-unfiltered.pdf](http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-all-unfiltered.pdf)

 Return by 10<sup>th</sup> of following month by email, fax, or mail to:

[dwp.dmce@state.or.us](mailto:dwp.dmce@state.or.us); 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350



	CHLORINE SCALE			RAW WATER Lab sink			- July 2024 month year		Slope
	LEFT	RIGHT	USED	pH	TURB	TEMP °C	SODIUM HYDROXIDE PUMP STROKE		
1	0	107	5	6.51	0.706	12.2	60%	-58.00	
2	0	102	5	6.61	0.374	12.3	60% ↑ 75%	-57.87	
3	0	99	3	6.63	0.321	12.4	75%	-57.75	
4	0	94	5	6.44	.347	12.3	75%	-57.62	
5	0	89	5	6.48	0.581	12.8	75%	-57.53	
6	0	84	5	6.53	0.458	12.7	70% ↓	-57.39	
7	0	79	5	6.62	.539	12.5	60% ↓	-57.29	
8	0	73	6	6.86	0.551	13.8	60%	-57.17	
9	0	68	5	6.90	0.378	13.2	60% ↓ 55%	-57.07	
10	0	62	6	7.11	0.442	14.1	55%	-56.94	
11	0	57	5	6.96	0.446	13.1	55% ↓ 50%	-56.90	
12	0	51	6	6.84	0.450	13.1	50%	-56.76	
13	147	48	6	6.90	.501	13.2	50%	-57.39	
14	147	41	7	6.90	.477	13.4	50%	-57.57	
15	147	36	5	6.69	0.734	13.4	50% ↑ 65%	-57.53	
16	147	30	6	6.88	0.852	13.3	65%	-57.28	
17	147	22	8	6.75	0.794	13.5	65%	-57.28	
18	147	13	9	6.77	0.704	13.4	65% ↑ 80%	-57.16	
19	140	10	10	6.78	0.577	13.4	80% ↑ 95%	-56.96	
20	129	0	11	6.75	0.660	13.3	↑ 100%	-56.78	
21	119	0	11	6.84	0.555	13.4	100%	-56.61	
22	106	0	13	6.73	0.522	13.5	100%	-56.53	
23	95	0	11	6.80	0.468	13.5	100%	-56.40	
24	84	0	9	6.91	.415	13.5	100%	-57.98	
25	71	0	13	6.92	.529	13.6	100%	-57.87	
26	62	50	9	6.91	0.543	13.2	100%	-57.80	
27	51	40	10	6.90	0.528	13.4	100%	-57.74	
28	61	130	10	6.94	0.467	13.4	100%	-57.53	
29	52	128	11	6.87	0.501	13.5	100%	-57.40	
30	41	128	9	6.79	0.504	13.6	100%	-57.33	
31	32	128	9	6.74	0.480	13.6	100%	-57.09	