

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

System Name: LYONS - MEHAMA WATER DIST # : 4100493 **WTP-:** AA **Month/Year:** OCT 2021

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1			.025				.025
2			.024				.024
3			.024				.024
4			.025				.025
5			.025				.025
6			.025				.025
7			.025				.025
8			.026				.026
9			.024				.024
10			.024				.024
11			.024				.024
12			.028				.028
13			.024				.024
14			.028				.028
15			.023				.023
16			.023				.023
17			.023				.023
18			.023				.023
19			.024				.024
20			.024				.024
21			.025				.025
22			.024				.024
23			.024				.024
24			.024				.024
25			.028				.028
26			.026				.026
27			.027				.027
28			.028				.028
29			.028				.028
30			.027				.027
31			.028				.028

Slow Sand/Membrane/DE Filtration/Unfiltered Monthly Summary 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Monthly Summary (Answer <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No)	
	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Notes:	PRINTED NAME: William A GRIMES	
	SIGNATURE: W. A. Grimes	DATE: 11-6-21
	PHONE #: (503) 859-2167	CERT #: 2885

¹ 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. ² Filtered systems only.

OHA - Drinking Water Services – Surface Water Quality Data Form

System Name:

Lyons Mehama Water Dist

ID #:

4100493

WTP:

AA

Month/Year:

Oct 2021

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[°C]		Use tables	Yes / No	[GPM]
1/10/21	0.87	61	53	13.6	7.48	36	yes	565
2/10/21	0.80	61	49	13.6	6.76	27	yes	565
3/10/21	0.93	61	57	13.5	7.12	32	yes	565
4/10/21	0.88	61	54	13.7	7.57	37	yes	565
5/10/21	0.85	61	52	13.6	6.82	28	yes	565
6/10/21	0.89	61	54	13.5	7.9	42	yes	565
7/10/21	0.94	61	57	13.2	7.55	37	yes	565
8/10/21	0.88	61	54	13.2	7.89	42	yes	565
9/10/21	0.90	61	55	13.2	7.06	31	yes	565
10/10/21	0.99	61	60	13.5	6.99	30	yes	565
11/10/21	0.82	61	50	13.3	7.63	39	yes	565
12/10/21	0.85	61	52	13.1	7.49	36	yes	565
13/10/21	0.63	61	38	13.2	7.4	34	yes	565
14/10/21	0.84	61	51	13.3	7.48	36	yes	565
15/10/21	0.80	61	49	13.2	7.76	39	yes	565
16/10/21	0.82	61	50	13.2	6.94	30	yes	565
17/10/21	0.85	61	52	13.3	6.94	30	yes	565
18/10/21	0.85	61	52	13.5	7.17	32	yes	565
19/10/21	0.76	61	46	13.3	6.86	28	yes	565
20/10/21	0.77	61	47	13.4	6.76	27	yes	565
21/10/21	0.78	61	48	13.4	6.61	24	yes	565
22/10/21	0.77	61	47	13.5	6.68	24	yes	565
23/10/21	0.75	61	46	13.3	6.92	29	yes	565
24/10/21	0.75	61	46	13.3	7.21	33	yes	565
25/10/21	0.84	61	51	13.1	7.18	32	yes	565
26/10/21	0.79	61	48	12.9°	6.98	32	yes	565
27/10/21	0.66	61	40	13.1	6.7	26	yes	565
28/10/21	0.68	61	41	13.2	7.47	35	yes	565
29/10/21	0.7	61	43	13.6	7.26	33	yes	565
30/10/21	0.84	61	51	12.9	7.45	36	yes	565
31/10/21	0.81	61	49	12.5	7.18	35	yes	565

³ If Cl₂ 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-alt-unfiltered.pdf

 Return by 10th of following month by email, fax, or mail to:

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

Oct 2021
month year

	LEFT	RIGHT	USED	pH	TURB	TEMP °C	SODIUM HYDROXIDE PUMP STROKE	Slope
1	150	42	2	7.19	.438	13.7	off	-56.71
2	150	40	2	6.47	.483	13.7	ON - 45%	-56.74
3	150	36	4	6.71	.754	13.7	15%	-56.76
4	150	33	3	7.33	.705	13.7	OFF	-56.47
5	150	30	3	6.65	.680	13.7	off	-56.24
6	150	27	3	7.52	.860	13.7	45% ↓ off	-56.19
7	150	22	5	7.34	.788	13.6	OFF	-56.21
8	150	20	2	7.38	.63	13.6	OFF	-56.21
9	150	16	4	6.56	.632	13.6	45%	-56.22
10	150	13	3	6.59	.620	13.6		-56.17
11	150	11	2	7.49	.405	13.6	OFF	-55.89
12	150	7	4	7.32	.645	13.5	OFF	-56.43
13	150	4	3	7.11	.433	13.6	44%	-56.45
14	150	2	2	7.22	.511	13.6	OFF	-56.55
15	149	1	2	7.58	.536	13.5	OFF	-56.19
16	146	MT	3	6.51	.438	13.6	30%	-56.37
17	143	0	3	6.53	.448	13.6		-56.25
18	141	0	2	6.74	.372	13.6	OFF 30%	-56.07
19	139	0	2	6.54	.405	13.6	30% OFF	-56.12
20	136	0	3	6.55	.372	13.5	30% ↓ 20%	-56.09
21	133	0	3	6.58	.458	13.5	20% ↑ 30%	-56.16
22	130	0	3	6.54	.368	13.5	↑ 36%	-56.06
23	127	0	3	6.55	.336	13.5		-55.59
24	125	0	2	6.79	.440	13.5		-55.87
25	122	0	3	6.93	.377	13.4		-55.70
26	120	0	2	6.71	.319	13.4	36%	-57.33
27	117	0	3	6.44	.324	13.3	↑ 42%	-57.19
28	114	0	3	6.99	.350	13.3	↓ 40%	-57.29
29	110	0	4	7.05	0.298	13.3	40%	-57.24
30	108	0	2	7.09	0.367	13.3	OFF	-56.83
31	105	0	3	6.60	0.342	13.3	ON 40%	-56.96