

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

System Name: Lyon's Melama Water ID #: 4100493 WTP: AA Month/Year: Nov 2023

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			.037				.037
2			.035				.035
3			.036				.036
4			.039				.039
5			.035				.035
6			.036				.036
7			.033				.033
8			.033				.033
9			.032				.032
10			.032				.032
11			.032				.032
12			.030				.030
13			.030				.030
14			.031				.031
15			.032				.032
16			.029				.029
17			.031				.031
18			.029				.029
19			.030				.030
20			.030				.030
21			.030				.030
22			.029				.029
23			.030				.030
24			.029				.029
25			.029				.029
26			.030				.030
27			.030				.030
28			.030				.030
29			.030				.030
30			.030				.030
31			.030				.030

Slow Sand/Membrane/DE Filtration/Unfiltered Monthly Summary 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? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No		All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
	PRINTED NAME: <u>John Markert</u>		DATE: <u>12-4-23</u>
Notes:	SIGNATURE: <u>John Markert</u>		CERT #: <u>T309712</u>
PHONE #: <u>(503) 859-2367</u>			

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: Lyon's mehama water Dist

ID#: 410043 WTP: AA

Month/Year: Nov 2008

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]
1/7:54	.86	.61	52	12.4	7.07	34	Yes	565
2/7:50	.87	.61	53	12.5	7.01	32	Yes	565
3/7:46	.85	.61	52	12.9	6.93	31	Yes	565
4/7:30 AM	.83	.61	51	13.0	7.00	30	Yes	565
5/7:50 AM	.85	.61	52	12.7	6.77	30	Yes	565
6/7:56 AM	.90	.61	55	12.5	7.02	32	Yes	565
7/7:46 AM	.79	.61	48	12.3	6.84	31	Yes	565
8/7:46 AM	.79	.61	48	12.3	7.12	34	Yes	565
9/7:52	.80	.61	49	12.0	6.79	30	Yes	565
10/7:48	.76	.61	46	12.1	7.03	32	Yes	565
11/7:38	.74	.61	45	12.2	7.12	34	Yes	565
12/7:30 AM	.80	.61	49	12.1	6.60	28	Yes	565
13/7:46 AM	.75	.61	46	12.3	6.69	29	Yes	565
14/7:50 AM	.82	.61	50	12.6	6.60	29	Yes	565
15/7:50 AM	.76	.61	46	12.6	6.22	24	Yes	565
16/7:50 AM	.78	.61	48	12.5	6.78	30	Yes	565
17/8:00 AM	.78	.61	48	12.4	7.22	34	Yes	565
18/7:58 AM	.83	.61	51	12.0	7.11	35	Yes	565
19/7:45 AM	.81	.61	49	12.1	7.08	34	Yes	565
20/7:50	.85	.61	52	12.0	6.79	30	Yes	565
21/7:34	.82	.61	50	11.6	6.85	33	Yes	565
22/7:30	.81	.61	48	11.9	6.91	35	Yes	565
23/8:00	1.8	.61	66	11.9	7.03	38	Yes	565
24/8:00	.80	.61	49	11.5	7.01	36	Yes	565
25/7:50	.87	.61	53	11.2	7.07	36	Yes	565
26/7:50	.76	.61	46	11.0	6.81	32	Yes	565
27/7:45	.72	.61	44	11.0	6.93	33	Yes	565
28/7:40	.75	.61	46	10.9	7.12	39	Yes	565
29/7:43	.72	.61	44	10.9	7.10	39	Yes	565
30/7:43	.72	.61	44	11.1	7.08	36	Yes	565
31/								

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			PAW WATER Lab sixk			SODIUM HYDROXIDE PUMP STROKE	Slope
	LEFT	RIGHT	USED	pH	TURB	TEMP °C		
1	63	142	3	6.58	.327	12.8	50	
2	60	142	3	6.86	.362	12.7	50	-57.28
3	59	142	1	6.73	.440	12.8	50	-57.23
4	57	142	2	6.68	.324	12.7	40%	-57.26
5	55	142	2	6.59	.430	12.5	40%	-57.10
6	50	142	5	6.93	.478	12.5	40	-57.04
7	48	142	2	6.80	.372	12.5	40%	-56.80
8	44	142	4	6.85	.548	12.5	40%	-56.87
9	42	142	2	6.47	.635	12.6	40%	-56.79
10	40	142	2	6.50	.581	12.6	40%	-56.67
11	37	142	3	6.84	.670	12.5	40%	-56.63
12	34	142	3	6.54	.596	12.4	40%	-56.40
13	32	142	2	6.35	.626	12.5	40%	-56.30
14	30	142	2	6.60	.477	12.4	40%	-56.38
15	28	142	2	6.22	.466	12.6	40%	-56.32
16	26	142	2	6.38	.617	12.4	40%	-56.24
17	22	142	4	6.29	.488	12.6	40%	-56.09
18	20	142	2	6.77	.519	12.5	40%	-57.83
19	17	142	3	6.67	.565	12.5	40%	-57.87
20	15	142	2	6.44	.458	12.4	40%	-57.79
21	13	142	2	6.58	.389	12.5	40%	-57.67
22	8	142	5	6.68	.397	12.3	40%	-57.53
23	5	142	3	6.53	.414	12.7	40%	-57.48
24	3	142	2	6.68	.471	12.3	40%	-57.38
25	3	140	2	6.31	.421	12.4	40%	-57.26
26	3	136	4	6.72	.493	11.9	40%	-57.11
27	3	134	2	6.44	.431	12.3	40%	-57.03
28	3	132	2	6.50	.444	12.2	40%	-56.87
29	3	130	2	6.70	.529	12.0	40%	-56.76
30	3	128	2	6.92	.478	12.1	40%	-56.64
31								-56.58