


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

County : Lane
 Month/Year : DEC / 2023
 WTP - : WTP - B

System Name: Cottage Grove, City of		ID # : 4100236					WTP - : WTP - B
Date	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	OFF	OFF	0.015	0.014	0.014	OFF	0.015
2	OFF	OFF	0.017	0.016	0.015	OFF	0.017
3	OFF	OFF	0.016	0.015	0.015	OFF	0.018
4	OFF	OFF	0.016	0.016	0.016	OFF	0.017
5	OFF	OFF	0.015	0.015	0.015	OFF	0.016
6	OFF	OFF	0.015	0.015	0.016	OFF	0.016
7	OFF	OFF	0.015	0.016	0.015	OFF	0.016
8	OFF	OFF	0.014	0.016	0.014	OFF	0.018
9	OFF	OFF	0.016	0.016	0.016	OFF	0.016
10	OFF	OFF	0.016	0.014	0.016	OFF	0.016
11	OFF	OFF	0.015	0.016	0.015	OFF	0.016
12	OFF	OFF	0.018	0.017	0.015	OFF	0.018
13	OFF	OFF	0.017	0.015	0.016	OFF	0.017
14	OFF	OFF	0.016	0.014	0.017	OFF	0.019
15	OFF	OFF	0.014	0.014	0.016	OFF	0.018
16	OFF	OFF	0.015	0.014	0.015	OFF	0.017
17	OFF	OFF	0.015	0.014	0.014	OFF	0.015
18	OFF	OFF	0.013	0.014	0.015	OFF	0.015
19	OFF	OFF	0.015	0.014	0.014	OFF	0.015
20	OFF	OFF	0.015	0.015	0.013	OFF	0.015
21	OFF	OFF	0.014	0.015	0.014	OFF	0.016
22	OFF	OFF	0.014	0.013	0.014	OFF	0.015
23	OFF	OFF	0.018	0.013	0.013	OFF	0.019
24	OFF	OFF	0.015	0.014	0.014	OFF	0.015
25	OFF	OFF	0.012	0.013	0.014	OFF	0.015
26	OFF	OFF	0.013	0.014	0.014	OFF	0.015
27	OFF	OFF	0.015	0.014	0.014	OFF	0.015
28	OFF	OFF	0.014	0.013	0.014	OFF	0.015
29	OFF	OFF	0.015	0.013	0.014	OFF	0.016
30	OFF	OFF	0.015	0.014	0.014	OFF	0.021
31	OFF	OFF	0.014	0.015	0.014	OFF	0.015

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No
Notes: 93/93=100%		PRINTED NAME: Ryan Kimball	
		SIGNATURE: 	DATE: Jan. 3, 2024
		PHONE #: (541) 942 - 3349	T-882889

¹ Including continuous NTU 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.

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System Name: Cottage Grove, City of ID #: 4100236 Month/Year: DEC / 2023

WTP- :	WTP - B
Disinfection <i>Giardia</i>	
Log Inactivation:	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 ⁴ Demand Flow (Maximum Allowable Equals 3850 GPM)
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1000	0.79	140	111	7.2	7.99	32	Yes	830
2	1000	0.80	140	112	7.3	7.98	32	Yes	902
3	1000	0.79	140	111	7.6	7.97	31	Yes	911
4	1000	0.75	140	105	8.0	7.89	29	Yes	842
5	1800	0.76	140	106	8.8	7.84	27	Yes	795
6	1000	0.75	140	105	9.3	7.83	26	Yes	785
7	0900	0.73	140	102	9.4	7.78	26	Yes	1826
8	1100	0.75	140	105	9.2	7.80	26	Yes	808
9	1000	0.74	140	104	8.8	7.82	27	Yes	927
10	1000	0.75	140	105	9.2	7.85	27	Yes	930
11	1800	0.75	140	105	9.4	7.85	26	Yes	783
12	1800	0.75	140	105	9.4	7.85	26	Yes	779
13	0600	0.74	140	104	9.3	7.90	27	Yes	774
14	1100	0.75	140	105	9.3	7.95	27	Yes	1179
15	1100	0.75	140	105	9.1	7.97	28	Yes	895
16	1000	0.78	140	109	8.6	8.04	30	Yes	940
17	1000	0.76	140	106	8.6	7.97	29	Yes	933
18	1000	0.75	140	105	8.5	7.94	29	Yes	885
19	0800	0.76	140	106	8.5	7.93	29	Yes	874
20	1000	0.76	140	106	8.7	7.93	29	Yes	868
21	1000	0.74	140	104	8.3	7.96	29	Yes	965
22	1000	0.80	140	112	8.6	7.98	29	Yes	929
23	1000	0.80	140	112	8.2	7.97	30	Yes	963
24	1000	0.79	140	111	8.1	8.02	31	Yes	938
25	1000	0.82	140	115	8.1	8.01	31	Yes	885
26	1000	0.77	140	108	8.0	8.01	31	Yes	887
27	1200	0.74	140	104	8.3	8.05	31	Yes	846
28	1100	0.72	140	101	8.4	8.10	31	Yes	906
29	1000	0.74	140	104	8.4	8.10	31	Yes	1155
30	1000	0.74	140	104	8.5	8.10	31	Yes	921
31	1000	0.75	140	105	8.5	8.09	30	Yes	912

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWS to be notified by end of next business day. "CUSTOM FORM REV OCTOBER 2017"

⁴ If the Peak Hourly Demand Flow exceeds the Maximum Allowable GPM approved value a new Tracer Study is required to be completed.

NOTES: An OHA / DWS Circuit Rider Program approved Tracer Study was completed August 3, 2017 by HECO Engineering.
A Maximum Allowable Peak Hourly Demand Flow of 3500 GPM x 110% = 3850 GPM was approved as a result of the Tracer Study.