

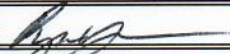
OHA - Drinking Water Services - Surface Water Quality Data Form
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : **Lane**
 Month/Year : **OCT / 2023**

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	0.013	0.013	0.013	0.016
2	OFF	OFF	0.014	0.013	0.013	0.013	0.014
3	OFF	OFF	0.013	0.013	0.013	OFF	0.015
4	OFF	OFF	0.013	0.013	0.013	0.013	0.016
5	OFF	OFF	0.013	0.013	0.013	OFF	0.018
6	OFF	OFF	0.013	0.013	0.013	0.013	0.016
7	OFF	OFF	0.014	0.013	0.014	0.014	0.016
8	OFF	OFF	0.014	0.014	0.014	0.014	0.015
9	OFF	OFF	0.014	0.014	0.014	0.014	0.016
10	OFF	OFF	0.014	0.014	0.014	OFF	0.015
11	OFF	OFF	0.015	0.014	0.014	OFF	0.015
12	OFF	OFF	0.018	0.014	0.014	OFF	0.018
13	OFF	OFF	0.022	0.015	0.016	OFF	0.022
14	OFF	OFF	0.018	0.014	0.014	OFF	0.018
15	OFF	OFF	0.014	0.015	0.015	OFF	0.019
16	OFF	OFF	0.016	0.014	0.014	0.015	0.016
17	OFF	OFF	0.015	0.015	0.015	OFF	0.017
18	OFF	OFF	0.016	0.015	0.015	OFF	0.016
19	OFF	OFF	0.015	0.014	0.015	OFF	0.015
20	OFF	OFF	0.016	0.015	0.015	OFF	0.016
21	OFF	OFF	0.015	0.015	0.015	OFF	0.015
22	OFF	OFF	0.015	0.015	0.015	OFF	0.015
23	OFF	OFF	0.018	0.015	0.015	OFF	0.018
24	OFF	OFF	0.015	0.015	0.015	OFF	0.017
25	OFF	OFF	0.015	0.015	0.016	OFF	0.018
26	OFF	OFF	0.016	0.015	0.015	0.015	0.016
27	OFF	OFF	0.015	0.014	0.017	OFF	0.017
28	OFF	OFF	0.016	0.015	0.015	OFF	0.023
29	OFF	OFF	0.015	0.015	0.015	0.015	0.017
30	OFF	OFF	0.016	0.015	0.015	OFF	0.016
31	OFF	OFF	0.017	0.015	0.015	OFF	0.017

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² Yes / No All daily turbidity readings ≤ 5 NTU? Yes / No	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) Yes / No All Cl2 residual at entry point ≥ 0.2 mg/l? Yes / No	
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Notes: 103/103 = 100%	PRINTED NAME: Ryan Kimball	
	SIGNATURE: 	DATE: Nov. 2, 2023
	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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OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : WTP - B

System Name: Cottage Grove, City of

ID #: 4100236

Month/Year: OCT / 2023

Disinfection *Giardia*
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	0700	0.77	140	108	18.1	7.78	14	Yes	1045
2	0600	0.76	140	106	18.3	7.79	14	Yes	1172
3	0700	0.76	140	106	18.4	7.79	14	Yes	1010
4	0600	0.75	140	105	18.6	7.79	14	Yes	1086
5	0900	0.79	140	111	18.6	7.76	14	Yes	1673
6	0700	0.79	140	111	18.6	7.70	14	Yes	1124
7	1100	0.79	140	111	18.8	7.83	14	Yes	1041
8	1100	0.77	140	108	18.8	7.82	14	Yes	1049
9	0700	0.75	140	105	18.8	7.80	14	Yes	1021
10	0700	0.76	140	106	18.5	7.75	14	Yes	989
11	0700	0.76	140	106	18.3	7.77	14	Yes	972
12	0700	0.75	140	105	18.1	7.78	14	Yes	975
13	1100	0.77	140	108	18.0	7.76	14	Yes	932
14	1100	0.75	140	105	17.8	7.71	14	Yes	966
15	1100	0.74	140	104	17.7	7.65	14	Yes	1033
16	0700	0.71	140	99	17.7	7.58	14	Yes	927
17	0700	0.72	140	101	17.6	7.60	14	Yes	944
18	0700	0.72	140	101	17.5	7.61	14	Yes	974
19	0700	0.72	140	101	17.6	7.62	14	Yes	941
20	1100	0.73	140	102	17.7	7.62	14	Yes	984
21	1100	0.77	140	108	17.0	7.83	16	Yes	961
22	1100	0.74	140	104	17.0	7.85	16	Yes	1068
23	0700	0.75	140	105	16.7	7.84	16	Yes	932
24	0700	0.75	140	105	16.4	7.87	17	Yes	1050
25	0700	0.75	140	105	16.2	7.87	17	Yes	903
26	1100	0.78	140	109	15.8	7.87	17	Yes	934
27	1100	0.76	140	106	15.3	7.85	18	Yes	956
28	0900	0.74	140	104	14.9	7.83	18	Yes	1055
29	1100	0.74	140	104	14.4	7.83	19	Yes	980
30	0700	0.74	140	104	13.9	7.82	19	Yes	911
31	0700	0.74	140	104	13.5	7.81	20	Yes	870

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.