


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

County : **Lane**
 Month/Year : **JAN / 2021**

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	OFF	0.019
2	OFF	OFF	0.013	0.014	0.014	OFF	0.017
3	OFF	OFF	0.012	0.014	0.014	OFF	0.017
4	OFF	OFF	0.012	0.014	0.013	OFF	0.022
5	OFF	OFF	0.012	0.014	0.014	OFF	0.016
6	OFF	OFF	0.014	0.013	0.013	OFF	0.016
7	OFF	OFF	0.014	0.015	OFF	OFF	0.019
8	OFF	OFF	0.015	0.013	0.015	OFF	0.015
9	OFF	OFF	0.013	0.014	0.014	OFF	0.023
10	OFF	OFF	0.013	0.017	0.015	0.015	0.017
11	OFF	OFF	0.015	0.016	0.019	OFF	0.024
12	OFF	OFF	0.025	0.015	0.014	OFF	0.027
13	OFF	OFF	0.018	0.014	0.015	OFF	0.018
14	OFF	OFF	0.015	0.017	0.015	OFF	0.017
15	OFF	OFF	0.014	0.019	0.015	OFF	0.019
16	OFF	OFF	0.014	0.017	0.015	OFF	0.017
17	OFF	OFF	0.017	0.015	0.015	OFF	0.017
18	OFF	OFF	0.017	0.015	0.015	OFF	0.017
19	OFF	OFF	0.015	0.016	0.015	OFF	0.020
20	OFF	OFF	0.011	0.015	0.015	OFF	0.016
21	OFF	OFF	0.016	0.015	0.015	OFF	0.017
22	OFF	OFF	0.013	0.014	0.015	OFF	0.016
23	OFF	OFF	0.013	0.015	0.014	OFF	0.016
24	OFF	OFF	0.012	0.014	0.014	OFF	0.014
25	OFF	OFF	0.012	0.019	0.013	OFF	0.019
26	OFF	OFF	0.012	0.014	0.014	OFF	0.017
27	OFF	OFF	0.014	0.014	0.014	OFF	0.015
28	OFF	OFF	0.014	0.014	0.014	OFF	0.014
29	OFF	OFF	0.014	0.014	0.015	OFF	0.015
30	OFF	OFF	0.015	0.015	0.014	OFF	0.016
31	OFF	OFF	0.013	0.014	0.014	OFF	0.015

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No	Monthly Summary (Answer Yes or No)	
	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
Notes: 92/92=100%	PRINTED NAME: Ryan Kimball	
	SIGNATURE: 	DATE: Feb. 1, 2021
	PHONE #: (541) 942 - 7094	CERT #: T882889

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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - :	WTP - B
Disinfection <i>Giardia</i>	
Log Inactivation:	0.5

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: JAN / 2021

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	1100	0.77	140	108	8.4	8.12	31	Yes	927
2	1100	0.75	140	105	8.4	8.11	31	Yes	974
3	1100	0.77	140	108	8.7	8.07	30	Yes	996
4	1100	0.77	140	108	8.9	8.08	30	Yes	882
5	1100	0.77	140	108	9.0	8.12	30	Yes	968
6	1800	0.79	140	111	9.1	8.13	30	Yes	842
7	1100	0.76	140	106	9.2	8.15	30	Yes	1186
8	1100	0.77	140	108	9.3	8.14	30	Yes	918
9	1100	0.78	140	109	9.0	8.14	30	Yes	959
10	1100	0.77	140	108	9.1	8.13	30	Yes	1015
11	0900	0.77	140	108	9.0	8.13	30	Yes	901
12	1300	0.77	140	108	8.9	8.10	30	Yes	934
13	1300	0.76	140	106	9.3	8.03	28	Yes	908
14	1100	0.75	140	105	9.5	8.01	28	Yes	961
15	1100	0.74	140	104	9.7	8.01	27	Yes	866
16	0900	0.75	140	105	9.5	8.03	28	Yes	1039
17	1000	0.75	140	105	9.9	8.05	27	Yes	1031
18	1100	0.77	140	108	9.9	8.07	28	Yes	940
19	1700	0.78	140	109	9.7	8.07	28	Yes	852
20	1800	0.80	140	112	9.5	8.09	29	Yes	831
21	1200	0.77	140	108	9.5	8.10	29	Yes	2040
22	1100	0.78	140	109	8.6	8.08	30	Yes	1074
23	1100	0.79	140	111	8.2	8.03	31	Yes	1015
24	1100	0.78	140	109	7.8	7.99	31	Yes	985
25	1100	0.79	140	111	7.6	7.99	31	Yes	981
26	1100	0.80	140	112	7.3	8.01	32	Yes	902
27	1700	0.82	140	115	7.0	8.03	33	Yes	883
28	0900	0.81	140	113	7.0	8.02	33	Yes	1121
29	1100	0.77	140	108	7.7	8.02	32	Yes	896
30	1000	0.76	140	106	7.7	7.99	31	Yes	1106
31	1100	0.75	140	105	8.0	7.93	30	Yes	978

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.