


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

County : **Lane**
 Month/Year : **DEC / 2021**
 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	0.016	0.016	0.018	0.018	0.018	
2	OFF	OFF	0.017	0.015	0.017	OFF	0.019	
3	OFF	OFF	0.017	0.019	0.015	OFF	0.020	
4	OFF	OFF	0.015	0.017	0.016	OFF	0.019	
5	OFF	OFF	0.016	0.018	0.018	OFF	0.019	
6	OFF	OFF	0.015	0.014	0.014	OFF	0.015	
7	OFF	OFF	0.011	0.014	0.018	OFF	0.020	
8	OFF	OFF	0.012	0.018	0.017	OFF	0.020	
9	OFF	OFF	0.016	0.017	0.017	OFF	0.018	
10	OFF	OFF	0.014	0.016	0.015	OFF	0.019	
11	OFF	OFF	0.014	0.015	0.015	OFF	0.018	
12	OFF	OFF	0.016	0.017	0.017	0.018	0.019	
13	OFF	OFF	0.017	0.017	0.018	OFF	0.019	
14	OFF	OFF	0.016	0.017	0.015	OFF	0.018	
15	OFF	OFF	0.016	0.018	0.016	OFF	0.018	
16	OFF	OFF	0.015	0.018	0.017	0.017	0.022	
17	OFF	OFF	0.014	0.018	0.018	OFF	0.021	
18	OFF	OFF	0.015	0.017	0.015	OFF	0.018	
19	OFF	OFF	0.015	0.015	0.015	OFF	0.018	
20	OFF	OFF	0.015	0.015	0.015	OFF	0.016	
21	OFF	OFF	0.023	0.015	0.015	OFF	0.023	
22	OFF	OFF	0.019	0.016	0.017	OFF	0.019	
23	OFF	OFF	0.017	0.016	0.015	OFF	0.017	
24	OFF	OFF	0.015	0.015	0.015	OFF	0.018	
25	OFF	OFF	0.015	0.014	0.016	OFF	0.029	
26	OFF	OFF	0.016	0.012	0.012	OFF	0.016	
27	OFF	OFF	OFF	0.015	0.015	OFF	0.016	
28	OFF	OFF	0.017	0.015	0.015	0.007	0.017	
29	OFF	OFF	0.016	0.015	0.015	OFF	0.016	
30	OFF	OFF	0.016	0.014	0.014	OFF	0.018	
31	OFF	OFF	0.016	0.016	0.015	OFF	0.017	

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: 96/96 = 100%		
PRINTED NAME: Ryan Kimball		
SIGNATURE: 		DATE: Jan. 2, 2022
PHONE #: (541) 942 - 7049		CERT #: 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.

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: DEC / 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	1700	0.81	140	113	10.5	8.13	27	Yes	825
2	0900	0.82	140	115	10.7	8.13	27	Yes	1856
3	0900	0.80	140	112	10.6	8.13	27	Yes	878
4	1100	0.82	140	115	10.3	8.20	28	Yes	946
5	0900	0.82	140	115	10.5	8.24	28	Yes	954
6	1100	0.82	140	115	10.5	8.24	28	Yes	828
7	1700	0.79	140	111	10.6	8.21	28	Yes	796
8	1700	0.76	140	106	10.5	8.18	28	Yes	814
9	1300	0.75	140	105	10.1	8.14	28	Yes	1205
10	0900	0.70	140	98	10.2	8.10	27	Yes	862
11	1100	0.73	140	102	10.0	8.07	27	Yes	873
12	1100	0.72	140	101	10.0	8.03	27	Yes	954
13	1800	0.76	140	106	9.9	7.99	27	Yes	855
14	0900	0.73	140	102	9.6	7.95	27	Yes	859
15	1800	0.77	140	108	9.3	7.89	27	Yes	852
16	0900	0.74	140	104	9.3	7.92	27	Yes	1567
17	1200	0.76	140	106	9.1	7.94	28	Yes	853
18	0900	0.76	140	106	8.8	7.93	28	Yes	1078
19	0900	0.79	140	111	9.0	7.92	28	Yes	930
20	1100	0.79	140	111	9.1	7.90	28	Yes	859
21	0900	0.77	140	108	9.2	7.95	28	Yes	845
22	1100	0.75	140	105	9.3	8.02	28	Yes	1020
23	1100	0.77	140	108	9.4	8.07	29	Yes	931
24	1100	0.77	140	108	9.1	8.04	29	Yes	957
25	1100	0.77	140	108	8.7	8.07	30	Yes	915
26	1100	0.76	140	106	8.7	8.08	30	Yes	880
27	1100	0.78	140	109	8.4	8.06	31	Yes	979
28	1100	0.78	140	109	8.1	8.04	31	Yes	935
29	1100	0.78	140	109	7.7	7.91	30	Yes	872
30	1200	0.79	140	111	7.5	7.92	31	Yes	937
31	1100	0.80	140	112	7.4	7.92	31	Yes	1019

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.