


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

County : **Lane**
 Month/Year : **JAN / 2022**
 WTP- : **WTP - B**

System Name: **Cottage Grove, City of** ID # : **4100236**

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	0.015	0.015	OFF	0.016
2	OFF	OFF	0.015	0.016	0.015	OFF	0.016
3	OFF	OFF	0.012	0.012	OFF	OFF	0.026
4	OFF	OFF	0.015	0.012	0.015	0.015	0.021
5	OFF	OFF	0.020	0.016	0.015	0.012	0.020
6	OFF	OFF	0.015	0.015	0.015	OFF	0.020
7	OFF	OFF	0.016	0.015	0.015	OFF	0.019
8	OFF	OFF	0.015	0.016	0.017	OFF	0.020
9	OFF	OFF	0.016	0.018	0.019	OFF	0.019
10	OFF	OFF	0.013	0.016	0.017	OFF	0.018
11	OFF	OFF	OFF	0.016	0.016	0.018	0.024
12	OFF	OFF	OFF	0.017	0.018	OFF	0.021
13	OFF	OFF	0.015	0.017	0.018	OFF	0.024
14	OFF	OFF	0.016	0.018	0.016	OFF	0.020
15	OFF	OFF	0.016	0.015	0.018	OFF	0.020
16	OFF	OFF	0.016	0.016	0.018	OFF	0.022
17	OFF	OFF	0.012	0.016	0.017	0.016	0.018
18	OFF	OFF	OFF	0.016	0.017	OFF	0.018
19	OFF	OFF	OFF	0.017	0.018	OFF	0.019
20	OFF	OFF	0.017	0.020	0.016	0.016	0.020
21	OFF	OFF	0.015	0.017	0.018	0.016	0.018
22	OFF	OFF	0.018	0.015	0.018	OFF	0.020
23	OFF	OFF	0.014	0.018	0.016	OFF	0.018
24	OFF	OFF	0.015	0.015	0.015	OFF	0.015
25	OFF	OFF	0.014	0.015	0.015	OFF	0.020
26	OFF	OFF	0.012	0.017	0.015	OFF	0.017
27	OFF	OFF	0.016	0.015	0.017	OFF	0.017
28	OFF	OFF	0.015	0.016	0.018	OFF	0.018
29	OFF	OFF	0.015	0.012	0.016	OFF	0.017
30	OFF	OFF	0.013	0.016	0.017	OFF	0.018
31	OFF	OFF	0.015	0.016	0.017	OFF	0.018

Slow Sand / Membrane / 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 Cl2 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: 63/63=100%		PRINTED NAME: Ryan Kimball	
		SIGNATURE: 	DATE: Feb. 3, 2022
		PHONE #: (541) 942 - 3349	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

System Name: Cottage Grove, City of

ID #: 4100236

Month/Year: JAN / 2022

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	1300	0.80	140	112	7.0	7.92	32	Yes	941
2	1100	0.82	140	115	7.3	7.90	31	Yes	979
3	1700	0.82	140	115	7.3	7.90	31	Yes	873
4	1600	0.81	140	113	7.4	7.93	31	Yes	826
5	1800	0.81	140	113	7.9	7.77	29	Yes	856
6	0900	0.79	140	111	8.1	7.81	28	Yes	1713
7	1100	0.73	140	102	8.5	7.89	28	Yes	903
8	1200	0.78	140	109	8.5	7.97	29	Yes	1081
9	1100	0.79	140	111	8.8	8.01	29	Yes	1020
10	0800	0.77	140	108	8.8	8.05	29	Yes	857
11	1800	0.78	140	109	9.0	8.08	29	Yes	835
12	1800	0.75	140	105	9.0	8.00	28	Yes	844
13	1100	0.76	140	106	9.0	8.05	29	Yes	1490
14	1300	0.76	140	106	9.0	8.09	30	Yes	836
15	0900	0.76	140	106	8.6	8.13	31	Yes	1048
16	1100	0.76	140	106	8.8	8.18	31	Yes	944
17	1100	0.77	140	108	8.8	8.19	31	Yes	913
18	1700	0.76	140	106	8.7	8.15	31	Yes	861
19	1800	0.73	140	102	8.8	7.89	28	Yes	810
20	0900	0.73	140	102	9.0	7.93	28	Yes	1407
21	1100	0.81	140	113	8.5	7.89	29	Yes	863
22	1100	0.80	140	112	8.3	8.05	31	Yes	1082
23	1100	0.80	140	112	8.7	8.16	31	Yes	930
24	1100	0.81	140	113	8.6	8.22	32	Yes	819
25	1800	0.83	140	116	8.3	8.29	34	Yes	823
26	1100	0.80	140	112	8.1	8.30	34	Yes	919
27	1800	0.81	140	113	7.9	8.30	35	Yes	834
28	1100	0.79	140	111	7.7	8.30	35	Yes	927
29	1200	0.79	140	111	7.2	8.29	36	Yes	1081
30	1100	0.77	140	108	7.4	8.12	33	Yes	963
31	1800	0.77	140	108	7.4	8.10	33	Yes	842

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.