


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

County : **Lane**
 Month/Year : **OCT / 2021**
 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	0.017	0.017	0.016	0.018	0.018
2	0.015	OFF	0.016	0.015	0.014	0.014	0.016
3	OFF	OFF	0.012	0.016	0.017	0.016	0.017
4	0.016	0.016	0.016	0.016	0.018	0.016	0.018
5	OFF	OFF	0.012	0.016	0.017	OFF	0.018
6	OFF	OFF	0.015	0.017	0.017	0.016	0.017
7	OFF	OFF	0.012	0.016	0.017	0.017	0.030
8	OFF	OFF	0.015	0.017	0.017	0.016	0.026
9	OFF	OFF	0.016	0.015	0.017	0.016	0.020
10	OFF	OFF	0.017	0.016	0.017	0.017	0.017
11	OFF	OFF	0.009	0.017	0.017	0.016	0.017
12	OFF	OFF	0.015	0.017	0.017	0.016	0.018
13	OFF	OFF	0.013	0.016	0.017	0.013	0.017
14	OFF	OFF	0.014	0.018	0.017	0.017	0.021
15	0.016	0.016	OFF	0.014	0.017	OFF	0.018
16	OFF	OFF	0.016	0.014	0.016	0.015	0.017
17	OFF	OFF	0.018	0.016	0.016	OFF	0.018
18	OFF	OFF	0.011	0.012	0.013	0.012	0.035
19	OFF	OFF	0.016	0.016	0.016	0.016	0.016
20	OFF	OFF	0.017	0.016	0.016	0.016	0.017
21	OFF	OFF	0.017	0.017	0.017	OFF	0.021
22	OFF	OFF	0.013	0.018	0.017	OFF	0.018
23	OFF	OFF	0.017	0.016	0.016	0.016	0.017
24	OFF	OFF	0.016	0.016	OFF	0.019	0.019
25	OFF	OFF	0.017	0.019	0.017	0.017	0.019
26	OFF	OFF	0.017	0.018	0.018	0.017	0.018
27	OFF	OFF	0.017	0.017	0.018	0.017	0.018
28	OFF	OFF	0.017	0.018	0.018	OFF	0.018
29	OFF	OFF	0.017	0.018	0.018	OFF	0.018
30	OFF	OFF	0.018	0.018	0.016	OFF	0.018
31	OFF	OFF	0.015	0.015	0.015	0.014	0.015

Slow Sand / Membrane / DE Filtration / Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No
Notes: 119/119=100%		PRINTED NAME: Ryan Kimball	
		SIGNATURE: 	DATE: Nov. 1, 2021
		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.

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

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: OCT / 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	0600	0.70	140	98	18.3	8.06	16	Yes	1181
2	1200	0.77	140	108	18.0	8.06	16	Yes	1115
3	0900	0.72	140	101	17.8	8.05	16	Yes	1170
4	0600	0.79	140	111	17.6	8.07	17	Yes	1329
5	0600	0.76	140	106	17.6	8.09	17	Yes	1096
6	0600	0.75	140	105	17.4	8.09	17	Yes	1079
7	0800	0.73	140	102	17.3	8.14	17	Yes	1275
8	1000	0.73	140	102	17.2	8.18	18	Yes	1197
9	1000	0.75	140	105	17.0	8.18	18	Yes	1015
10	0900	0.82	140	115	16.5	8.17	19	Yes	1224
11	1000	0.82	140	115	16.3	8.02	18	Yes	1483
12	0700	0.79	140	111	15.8	8.03	18	Yes	1160
13	0700	0.79	140	111	15.7	8.03	19	Yes	1339
14	0900	0.77	140	108	15.3	8.03	19	Yes	1531
15	1400	0.78	140	109	15.3	8.03	19	Yes	1335
16	1500	0.77	140	108	15.2	7.98	19	Yes	1361
17	1000	0.76	140	106	15.1	7.95	19	Yes	1205
18	1000	0.76	140	106	15.0	7.98	19	Yes	1127
19	2000	0.81	140	113	14.8	7.95	19	Yes	1375
20	0700	0.77	140	108	14.7	7.96	19	Yes	887
21	0900	0.76	140	106	14.7	7.96	19	Yes	1359
22	0900	0.74	140	104	14.5	7.94	19	Yes	937
23	1000	0.70	140	98	14.5	7.75	18	Yes	1339
24	0900	0.70	140	98	14.3	7.76	18	Yes	984
25	0900	0.68	140	95	14.2	7.76	18	Yes	974
26	0730	0.71	140	99	14.4	7.87	19	Yes	1234
27	0715	0.83	140	116	14.4	7.79	19	Yes	1233
28	0915	0.81	140	113	14.4	7.76	18	Yes	1768
29	0900	0.79	140	111	14.1	7.81	19	Yes	866
30	1000	0.77	140	108	13.8	7.90	20	Yes	1160
31	1200	0.77	140	108	13.9	7.96	20	Yes	975

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.