

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

County : Lane  
 Month/Year : FEB / 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 <sup>1</sup> [NTU]
1	OFF	OFF	OFF	0.015	0.015	OFF	0.019
2	OFF	OFF	0.017	0.016	0.016	OFF	0.017
3	OFF	OFF	0.017	0.015	0.017	OFF	0.017
4	OFF	OFF	0.016	0.016	0.016	OFF	0.017
5	OFF	OFF	0.013	0.015	0.016	OFF	0.018
6	OFF	OFF	0.012	0.016	0.017	OFF	0.017
7	OFF	OFF	0.015	0.017	0.017	0.015	0.017
8	OFF	OFF	0.017	0.016	0.017	OFF	0.017
9	OFF	OFF	0.014	0.014	0.014	OFF	0.018
10	OFF	OFF	0.015	0.018	0.017	OFF	0.018
11	OFF	OFF	0.014	0.016	0.018	0.014	0.018
12	OFF	OFF	0.011	0.015	0.016	OFF	0.019
13	OFF	OFF	0.012	0.016	0.016	OFF	0.017
14	OFF	OFF	0.010	0.013	0.013	OFF	0.024
15	OFF	OFF	0.016	0.015	0.017	OFF	0.017
16	OFF	OFF	0.016	0.016	0.015	OFF	0.017
17	OFF	OFF	0.014	0.017	0.015	OFF	0.018
18	OFF	OFF	0.016	0.015	0.016	OFF	0.018
19	OFF	OFF	0.018	0.014	0.015	OFF	0.018
20	OFF	OFF	0.018	0.015	0.018	OFF	0.019
21	OFF	OFF	0.012	0.017	0.017	0.017	0.018
22	OFF	OFF	OFF	0.017	0.017	OFF	0.017
23	OFF	OFF	0.013	0.016	0.017	OFF	0.020
24	OFF	OFF	0.017	0.016	0.016	0.017	0.017
25	OFF	OFF	0.017	0.016	0.017	OFF	0.018
26	OFF	OFF	0.014	0.014	0.017	OFF	0.021
27	OFF	OFF	0.017	0.016	0.017	0.016	0.018
28	OFF	OFF	0.014	0.016	0.018	OFF	0.018
							0.018

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> <input checked="" type="radio"/> Yes / <input type="radio"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No Notes: 86/86=100%	<b>Monthly Summary (Answer Yes or No)</b> CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No	
	PRINTED NAME: Ryan Kimball SIGNATURE: <i>[Signature]</i> DATE: Mar. 1, 2022 PHONE #: ( 541 ) 942 - 3349 CERT #: T-882889	

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

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<b>System Name:</b> Cottage Grove, City of	<b>ID #:</b> 4100236	<b>Month/Year:</b> FEB / 2022	<b>WTP - :</b> WTP - B	<b>Disinfection <i>Giardia</i> Log Inactivation:</b> 0.5
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Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly <sup>4</sup> Demand Flow (Maximum Allowable Equals 3850 GPM)
		[ppm or mg/L]	[minutes]	C X T	[° C]	formula	Yes / No	[GPM]	
1	1700	0.78	140	109	7.4	8.09	33	Yes	830
2	1700	0.77	140	108	7.4	8.07	33	Yes	820
3	1300	0.76	140	106	7.5	8.05	32	Yes	945
4	1100	0.79	140	111	7.5	8.05	32	Yes	863
5	1300	0.85	140	119	7.4	8.06	33	Yes	951
6	1100	0.79	140	111	8.0	8.08	32	Yes	1015
7	1800	0.76	140	106	8.2	8.12	32	Yes	848
8	1700	0.77	140	108	8.1	8.13	32	Yes	849
9	1700	0.77	140	108	8.3	8.17	32	Yes	828
10	0900	0.77	140	108	8.5	8.21	32	Yes	1504
11	1200	0.77	140	108	8.6	8.21	32	Yes	880
12	1100	0.75	140	105	8.3	8.21	32	Yes	1002
13	1000	0.78	140	109	8.9	8.22	31	Yes	1143
14	0600	0.77	140	108	9.0	8.24	31	Yes	861
15	1800	0.79	140	111	9.0	8.25	31	Yes	843
16	1900	0.76	140	106	9.0	8.26	31	Yes	798
17	1100	0.77	140	108	8.9	8.26	32	Yes	954
18	0900	0.76	140	106	9.0	8.25	31	Yes	965
19	1100	0.76	140	106	9.0	7.98	28	Yes	957
20	1100	0.77	140	108	9.1	8.02	29	Yes	953
21	1100	0.77	140	108	9.0	7.99	28	Yes	910
22	1900	0.79	140	111	8.8	8.01	29	Yes	859
23	1800	0.79	140	111	8.5	8.03	30	Yes	900
24	0900	0.77	140	108	8.0	8.01	31	Yes	1690
25	1200	0.78	140	109	7.8	8.01	31	Yes	919
26	1100	0.76	140	106	7.5	8.00	32	Yes	997
27	1000	0.77	140	108	8.1	8.00	30	Yes	1131
28	1800	0.73	140	102	8.4	7.97	29	Yes	868

<sup>3</sup> If Cl<sub>2</sub> 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"

<sup>4</sup> 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.