


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

County : **Lane**  
 Month/Year : **JUN / 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 <sup>1</sup> [NTU]
1	0.015	0.015	0.012	0.017	0.018	0.016	0.018
2	0.016	0.015	0.015	0.015	0.017	0.017	0.017
3	0.014	0.014	0.012	0.027	0.013	0.013	0.027
4	0.016	0.015	0.015	0.021	0.016	0.014	0.021
5	0.014	0.013	0.015	0.013	0.013	0.012	0.022
6	0.016	0.015	0.016	0.015	0.015	0.015	0.018
7	0.015	0.015	0.019	0.015	0.016	0.016	0.019
8	0.015	0.016	0.015	0.016	0.015	0.016	0.017
9	0.013	0.014	0.014	0.021	0.014	0.013	0.021
10	0.016	0.016	OFF	0.017	0.017	0.017	0.019
11	OFF	OFF	0.017	0.017	0.017	0.016	0.018
12	OFF	OFF	0.017	0.014	0.015	0.014	0.018
13	OFF	OFF	0.019	0.014	0.014	0.014	0.019
14	OFF	OFF	0.017	0.014	0.015	0.015	0.017
15	OFF	OFF	0.012	0.012	0.014	0.013	0.017
16	OFF	OFF	0.017	0.016	0.017	0.015	0.017
17	OFF	OFF	0.015	0.015	0.015	0.015	0.016
18	0.015	OFF	0.015	0.015	0.015	0.015	0.016
19	0.015	0.015	0.015	0.016	0.016	0.015	0.017
20	0.016	0.016	0.016	0.016	0.016	0.015	0.017
21	0.016	0.016	0.012	0.016	0.016	0.017	0.018
22	0.016	0.016	0.017	0.016	0.016	0.018	0.018
23	0.017	0.017	0.019	0.017	0.018	0.017	0.019
24	0.018	0.017	0.018	0.018	0.018	0.019	0.019
25	0.017	0.018	0.019	0.018	0.021	0.019	0.021
26	0.019	0.018	0.018	0.015	0.016	0.015	0.019
27	0.015	0.012	0.011	0.015	0.016	0.015	0.017
28	0.015	0.015	0.016	0.015	0.016	0.016	0.017
29	0.016	0.016	0.016	0.015	0.016	0.016	0.018
30	0.017	0.016	0.015	0.016	0.016	0.016	0.018

<b>Slow Sand / Membrane / DE Filtration / Unfiltered</b> 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: 164/164= 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: <b>Ryan Kimball</b>		DATE: <b>July 6 2021</b>	
SIGNATURE: 		CERT #: <b>T-882889</b>	
PHONE #: <b>( 541 ) 942 - 3349</b>			

<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.



OHA - Drinking Water Services - Surface Water Quality Data Form

System Name: Cottage Grove, City of				ID #: 4100236	Month/Year: JUN / 2018	WTP- : Disinfection <i>Giardia</i> Log Inactivation:	WTP - 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	2000	0.77	140	108	16.5	7.75	16	Yes	2038
2	0600	0.78	140	109	16.8	7.70	15	Yes	2035
3	1900	0.79	140	111	17.0	7.69	15	Yes	1831
4	0600	0.79	140	111	17.0	7.70	15	Yes	1854
5	0600	0.80	140	112	16.8	7.71	15	Yes	1510
6	0900	0.79	140	111	16.3	7.72	16	Yes	1567
7	0600	0.81	140	113	16.1	7.73	16	Yes	1934
8	0600	0.79	140	111	15.9	7.75	17	Yes	1857
9	0600	0.80	140	112	15.8	7.75	17	Yes	1846
10	0600	0.78	140	109	15.9	7.95	18	Yes	1425
11	0600	0.75	140	105	16.1	7.96	18	Yes	1480
12	0900	0.76	140	106	16.0	7.99	18	Yes	1199
13	0100	0.76	140	106	16.6	7.99	17	Yes	1382
14	0100	0.75	140	105	16.5	7.95	17	Yes	1450
15	0100	0.75	140	105	16.7	7.91	17	Yes	1306
16	0600	0.72	140	101	16.8	7.90	16	Yes	1459
17	1900	0.73	140	102	17.4	7.91	16	Yes	1702
18	0600	0.72	140	101	17.9	7.90	15	Yes	1922
19	0600	0.73	140	102	18.1	7.89	15	Yes	1793
20	2000	0.72	140	101	18.2	7.85	15	Yes	2069
21	2000	0.72	140	101	18.6	7.83	14	Yes	2395
22	0600	0.72	140	101	18.9	7.84	14	Yes	2148
23	2000	0.70	140	98	18.8	7.86	14	Yes	2152
24	2000	0.70	140	98	19.0	7.95	14	Yes	2358
25	2000	0.73	140	102	19.1	7.96	14	Yes	2719
26	2100	0.75	140	105	19.4	7.93	14	Yes	2485
27	2000	0.76	140	106	20.0	7.92	13	Yes	2924
28	0600	0.75	140	105	20.6	7.90	13	Yes	2731
29	0600	0.74	140	104	20.5	7.95	13	Yes	2408
30	0600	0.74	140	104	20.3	7.97	13	Yes	2281

<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.