


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

County : **Lane**  
 Month/Year : **AUG / 2023**

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 <sup>1</sup> [NTU]
1	0.015	0.014	0.022	0.015	0.018	0.016	0.022
2	0.015	0.015	0.019	0.016	0.016	0.016	0.022
3	0.014	0.014	0.014	0.014	0.015	0.015	0.015
4	0.015	0.014	0.014	0.014	0.014	0.015	0.015
5	0.015	0.015	0.016	0.016	0.015	0.014	0.016
6	0.015	0.016	0.014	0.014	0.020	0.015	0.020
7	0.015	0.017	0.014	0.014	0.014	0.014	0.018
8	0.014	0.015	0.016	0.014	0.014	0.017	0.018
9	0.014	0.014	0.014	0.014	0.015	0.014	0.015
10	0.017	0.017	0.015	0.015	0.018	0.014	0.018
11	0.016	0.016	0.015	0.015	0.017	0.016	0.018
12	0.013	0.018	0.015	0.017	0.016	0.018	0.021
13	0.016	0.014	0.014	0.016	0.015	0.016	0.020
14	0.018	0.014	0.014	0.017	0.015	0.016	0.020
15	0.014	0.014	0.014	0.015	0.016	0.014	0.018
16	0.017	0.018	0.016	0.017	0.016	0.014	0.019
17	0.014	0.014	0.015	0.014	0.014	0.014	0.015
18	0.014	0.014	0.016	0.015	0.014	0.014	0.022
19	0.014	0.014	0.014	0.014	0.018	0.014	0.024
20	0.014	0.014	0.014	0.014	0.014	0.014	0.019
21	0.014	0.014	0.015	0.015	0.018	0.014	0.018
22	0.014	0.014	0.013	0.013	0.014	0.014	0.014
23	0.014	0.014	0.015	0.015	0.018	0.014	0.018
24	0.014	0.013	0.016	0.014	0.014	0.014	0.016
25	0.014	0.014	0.014	0.014	0.014	0.014	0.021
26	0.014	0.014	0.011	0.013	0.014	0.014	0.014
27	0.014	0.013	0.013	0.014	0.014	0.014	0.018
28	0.014	0.013	0.014	0.014	0.014	0.013	0.014
29	0.014	0.014	OFF	0.014	0.014	0.014	0.014
30	0.014	0.014	0.014	0.014	0.014	0.014	0.014
31	0.014	0.014	0.014	0.013	0.014	0.014	0.015

<b>Slow Sand / Membrane / DE Filtration / Unfiltered</b>	<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> <b>Yes / No</b>	CT's met everyday? (see back) <b>Yes / No</b>	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <b>Yes / No</b>
All daily turbidity readings ≤ 5 NTU? <b>Yes / No</b>		

<b>Notes: 185/185=100%</b>	<b>PRINTED NAME: Ryan Kimball</b>	
	<b>SIGNATURE:</b> 	<b>DATE: Sept. 5, 2023</b>
	<b>PHONE #: ( 541 ) 942 - 3349</b>	<b>T-882889</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

WTP - : WTP - B

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: AUG / 2023

Disinfection *Giardia*  
Log Inactivation:

0.5

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	0500	0.73	140	102	16.9	7.97	17	Yes	2506
2	0600	0.77	140	108	17.2	7.98	17	Yes	2567
3	0500	0.75	140	105	17.4	8.02	17	Yes	2454
4	0600	0.75	140	105	17.6	8.04	16	Yes	2575
5	0500	0.75	140	105	17.6	8.06	16	Yes	2267
6	0500	0.77	140	108	17.7	8.07	17	Yes	2523
7	0500	0.75	140	105	17.8	8.07	16	Yes	2543
8	0500	0.75	140	105	17.8	8.07	16	Yes	2495
9	0600	0.75	140	105	17.8	8.08	16	Yes	2639
10	0500	0.73	140	102	18.1	8.08	16	Yes	2502
11	0600	0.74	140	104	18.0	8.01	16	Yes	2605
12	0500	0.74	140	104	17.9	8.03	16	Yes	2360
13	0500	0.71	140	99	18.0	8.03	16	Yes	2455
14	0600	0.72	140	101	18.3	8.03	15	Yes	2870
15	0500	0.74	140	104	18.5	8.01	15	Yes	2598
16	0600	0.73	140	102	18.6	8.01	15	Yes	3051
17	0500	0.74	140	104	18.4	8.01	15	Yes	2654
18	0600	0.75	140	105	17.9	8.00	16	Yes	2728
19	0500	0.74	140	104	17.6	8.05	16	Yes	2107
20	0500	0.71	140	99	17.4	8.05	17	Yes	2377
21	0600	0.71	140	99	17.3	8.01	16	Yes	2554
22	0600	0.72	140	101	17.3	8.03	17	Yes	2474
23	0600	0.73	140	102	17.2	8.03	17	Yes	2437
24	0500	0.72	140	101	17.1	8.01	17	Yes	2502
25	0600	0.69	140	97	17.5	8.03	16	Yes	2711
26	0500	0.69	140	97	17.8	8.04	16	Yes	2326
27	0500	0.72	140	101	17.8	8.01	16	Yes	2224
28	0500	0.74	140	104	17.5	8.01	16	Yes	2466
29	0600	0.79	140	111	17.3	7.98	16	Yes	2070
30	0600	0.79	140	111	17.2	7.98	16	Yes	2320
31	0500	0.76	140	106	17.3	7.97	16	Yes	1962

<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.