


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

County : **Lane**  
 Month/Year : **JUN / 2023**  
 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	0.014	0.017	0.017	0.017	0.017
2	0.017	0.016	0.012	0.015	0.017	0.018	0.022
3	0.017	OFF	0.018	0.018	0.018	0.018	0.018
4	OFF	OFF	0.019	0.018	0.017	0.017	0.019
5	OFF	OFF	0.018	0.017	0.018	0.017	0.019
6	OFF	OFF	0.018	0.018	0.016	0.015	0.018
7	OFF	OFF	0.015	0.015	0.015	0.015	0.015
8	OFF	OFF	0.013	0.014	0.017	0.015	0.017
9	0.014	0.015	0.013	0.015	0.015	0.017	0.021
10	0.014	0.013	0.018	0.015	0.015	0.015	0.018
11	0.014	0.013	0.013	0.017	0.015	0.016	0.018
12	0.014	0.013	0.013	0.016	0.014	0.015	0.019
13	0.014	0.016	0.013	0.018	0.018	0.014	0.018
14	0.014	0.014	0.016	0.015	0.015	0.015	0.019
15	0.015	0.014	0.015	0.015	0.016	0.017	0.017
16	0.017	0.017	0.018	0.016	0.016	0.016	0.020
17	0.015	0.015	0.015	0.015	0.015	0.016	0.019
18	0.015	0.016	0.016	0.016	0.016	0.016	0.017
19	OFF	OFF	0.015	0.013	0.013	0.017	0.021
20	OFF	OFF	0.013	0.018	0.019	0.016	0.020
21	OFF	OFF	0.016	0.022	0.016	0.017	0.022
22	OFF	OFF	0.015	0.017	0.015	0.015	0.018
23	0.015	0.015	0.015	0.015	0.016	0.017	0.017
24	0.015	0.016	0.016	0.016	0.017	0.017	0.017
25	0.018	0.016	0.015	0.016	0.015	0.020	0.023
26	0.016	0.015	0.026	0.020	0.016	0.017	0.026
27	0.016	0.016	0.020	0.018	0.017	0.017	0.020
28	0.016	0.017	0.017	0.017	0.020	0.017	0.020
29	0.017	0.017	0.021	0.020	0.019	0.016	0.021
30	0.017	0.016	0.012	0.015	0.015	0.014	0.017

<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>	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
<b>Notes: 159/159=100%</b>		<b>PRINTED NAME: Ryan Kimball</b>	
		<b>SIGNATURE:</b> 	<b>DATE: July 3, 2023</b>
		<b>PHONE #: ( 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

WTP - :

WTP - B

System Name: Cottage Grove, City of

ID #: 4100236

Month/Year: JUN / 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	0600	0.76	140	106	14.1	7.83	19	Yes	1799
2	0600	0.76	140	106	14.3	7.76	18	Yes	2139
3	0600	0.75	140	105	14.6	7.85	19	Yes	1883
4	0500	0.74	140	104	14.1	7.82	19	Yes	1876
5	0600	0.74	140	104	14.3	7.83	19	Yes	2200
6	0600	0.74	140	104	14.6	7.58	17	Yes	2147
7	0600	0.74	140	104	15.6	7.25	14	Yes	2369
8	0500	0.77	140	108	15.2	7.64	17	Yes	2063
9	0500	0.81	140	113	15.1	7.90	18	Yes	2227
10	0500	0.83	140	116	14.4	7.91	19	Yes	1935
11	0500	0.81	140	113	14.4	7.95	20	Yes	1962
12	0600	0.79	140	111	14.7	8.00	20	Yes	2371
13	0600	0.79	140	111	15.0	8.01	19	Yes	2184
14	0500	0.77	140	108	14.7	8.03	20	Yes	2264
15	0700	0.77	140	108	14.4	8.05	20	Yes	2005
16	0600	0.77	140	108	14.5	8.06	20	Yes	2330
17	0600	0.76	140	106	15.1	8.06	20	Yes	2339
18	0500	0.77	140	108	14.1	7.93	20	Yes	2071
19	0500	0.74	140	104	13.7	7.91	20	Yes	2013
20	0500	0.73	140	102	13.5	7.94	21	Yes	1879
21	0500	0.73	140	102	13.5	7.96	21	Yes	2150
22	0500	0.73	140	102	13.9	7.96	20	Yes	2104
23	0500	0.76	140	106	14.3	7.85	19	Yes	2317
24	0500	0.75	140	105	14.3	7.95	20	Yes	2316
25	0500	0.72	140	101	14.3	7.90	19	Yes	2219
26	0500	0.72	140	101	14.5	7.92	19	Yes	2489
27	0500	0.72	140	101	14.7	7.92	19	Yes	2222
28	0600	0.74	140	104	15.7	7.94	18	Yes	2668
29	0500	0.77	140	108	15.2	7.95	19	Yes	2380
30	0600	0.76	140	106	15.5	7.98	18	Yes	2563

<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.