


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

County : **Lane**  
 Month/Year : **MAY / 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	OFF	OFF	0.015	0.013	0.014	OFF	0.022
2	OFF	OFF	0.014	0.013	0.014	OFF	0.015
3	OFF	OFF	0.014	0.014	0.014	OFF	0.014
4	OFF	OFF	0.014	0.014	0.014	OFF	0.021
5	OFF	OFF	0.014	0.013	0.014	OFF	0.015
6	OFF	OFF	0.014	0.014	0.014	OFF	0.017
7	OFF	OFF	0.014	0.015	0.014	OFF	0.015
8	OFF	OFF	0.013	0.014	0.014	OFF	0.017
9	OFF	OFF	0.012	0.014	0.014	OFF	0.016
10	OFF	OFF	0.014	0.014	0.015	OFF	0.016
11	OFF	OFF	0.016	0.014	0.015	0.014	0.016
12	OFF	OFF	0.014	0.014	0.015	0.012	0.016
13	OFF	OFF	0.013	0.015	0.015	0.015	0.016
14	0.014	OFF	0.015	0.015	0.015	0.015	0.016
15	OFF	OFF	0.016	0.015	0.015	0.014	0.016
16	OFF	OFF	0.014	0.015	0.015	0.014	0.016
17	OFF	OFF	0.015	0.014	0.015	0.014	0.019
18	0.015	0.014	0.015	0.014	0.015	0.015	0.017
19	OFF	OFF	0.015	0.014	0.015	0.016	0.017
20	0.015	0.015	0.020	0.016	0.016	0.016	0.020
21	0.016	OFF	0.015	0.016	0.016	0.016	0.017
22	OFF	OFF	0.016	0.016	0.017	OFF	0.018
23	OFF	OFF	0.013	0.015	0.016	0.015	0.019
24	OFF	OFF	0.015	0.016	0.016	0.015	0.018
25	OFF	OFF	0.016	0.015	0.017	0.016	0.017
26	OFF	OFF	0.015	0.017	0.016	0.016	0.022
27	0.016	0.016	0.017	0.010	0.016	0.017	0.019
28	0.017	OFF	0.016	0.018	0.017	0.016	0.018
29	0.016	OFF	0.016	0.016	0.017	0.017	0.018
30	0.017	OFF	0.019	0.016	0.018	0.017	0.019
31	OFF	OFF	0.017	0.016	0.016	0.017	0.017

<b>Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered</b> 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> <input checked="" type="radio"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No	<b>Monthly Summary (Answer Yes or No)</b>	
	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
<b>Notes: 124/124=100%</b>	<b>PRINTED NAME: Ryan Kimball</b>	
	<b>SIGNATURE:</b> 	<b>DATE: June 1, 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: MAY / 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	0700	0.74	140	104	10.5	7.98	26	Yes	982
2	0700	0.74	140	104	10.4	7.91	25	Yes	901
3	0700	0.74	140	104	10.5	7.77	24	Yes	929
4	0700	0.74	140	104	10.6	7.76	23	Yes	924
5	0700	0.75	140	105	10.6	7.65	23	Yes	928
6	1100	0.75	140	105	10.6	7.73	23	Yes	989
7	1100	0.75	140	105	10.7	7.80	24	Yes	1050
8	0700	0.74	140	104	10.9	7.83	24	Yes	914
9	0700	0.74	140	104	10.8	7.90	24	Yes	917
10	1800	0.75	140	105	11.0	7.96	25	Yes	951
11	1100	0.74	140	104	11.5	7.99	24	Yes	1002
12	1100	0.73	140	102	12.0	8.02	24	Yes	1054
13	0900	0.68	140	95	12.6	8.09	23	Yes	1255
14	2000	0.67	140	94	13.4	8.11	22	Yes	1515
15	0700	0.65	140	91	14.0	8.12	21	Yes	1472
16	2000	0.74	140	104	14.4	8.16	21	Yes	1590
17	0600	0.74	140	104	14.8	8.17	21	Yes	1581
18	2000	0.74	140	104	14.9	8.17	20	Yes	1552
19	0600	0.73	140	102	15.0	8.02	19	Yes	1648
20	0700	0.75	140	105	14.8	7.92	19	Yes	1502
21	0700	0.75	140	105	14.3	7.88	19	Yes	1433
22	0600	0.74	140	104	13.9	7.95	20	Yes	1609
23	0700	0.74	140	104	13.7	8.01	21	Yes	1489
24	0600	0.74	140	104	13.8	8.02	21	Yes	1633
25	0600	0.75	140	105	14.0	8.02	21	Yes	1707
26	0600	0.74	140	104	14.1	7.95	20	Yes	1853
27	0500	0.76	140	106	14.2	7.70	18	Yes	1521
28	0700	0.74	140	104	13.9	7.66	18	Yes	1587
29	0500	0.76	140	106	14.0	7.56	17	Yes	1792
30	0700	0.78	140	109	14.1	7.53	17	Yes	1825
31	0600	0.76	140	106	14.0	7.76	19	Yes	1891

<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.