

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

County : Lane  
 Month/Year : JUL / 2022

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	0.017	OFF	0.020	0.018	0.018	0.018	0.020
2	0.018	OFF	0.016	0.019	0.019	0.020	0.021
3	0.019	0.015	0.021	0.021	0.022	0.022	0.023
4	0.023	OFF	0.023	0.023	0.025	0.026	0.026
5	0.026	0.027	0.020	0.028	0.015	0.015	0.029
6	OFF	OFF	0.015	0.015	0.015	0.014	0.017
7	0.015	OFF	0.014	0.014	0.016	0.015	0.016
8	0.014	OFF	0.015	0.016	0.015	0.016	0.016
9	0.015	0.015	0.016	0.015	0.015	0.016	0.019
10	0.014	0.013	0.011	0.014	0.018	0.016	0.018
11	0.015	0.016	0.018	0.018	0.018	0.020	0.020
12	0.019	0.018	0.014	0.019	0.020	0.022	0.023
13	0.022	0.023	0.022	0.023	0.026	0.027	0.027
14	0.027	0.027	0.029	0.015	0.017	0.016	0.030
15	0.016	0.016	0.016	0.015	0.017	0.016	0.017
16	OFF	OFF	0.014	0.014	0.015	0.015	0.018
17	0.014	0.011	0.018	0.015	0.015	0.015	0.018
18	0.015	0.015	0.013	0.015	0.015	0.015	0.016
19	0.015	0.015	0.015	0.015	0.015	0.016	0.017
20	0.015	0.015	0.014	0.016	0.017	0.016	0.018
21	0.015	0.015	0.016	0.016	0.017	0.016	0.017
22	0.016	0.015	0.015	0.017	0.016	0.015	0.020
23	0.015	0.016	0.015	0.016	0.017	0.017	0.018
24	0.017	0.018	0.015	0.019	0.020	0.022	0.023
25	0.021	0.022	0.015	0.025	0.024	0.025	0.028
26	0.025	0.027	0.015	0.012	0.014	0.013	0.027
27	0.016	0.015	0.016	0.015	0.018	0.016	0.019
28	0.016	0.015	0.015	0.016	0.019	0.017	0.019
29	0.016	0.015	0.017	0.016	0.017	0.018	0.024
30	0.019	0.015	0.015	0.016	0.018	0.016	0.022
31	0.014	0.015	0.015	0.014	0.015	0.016	0.020

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 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	Monthly Summary (Answer Yes or No) 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
--	--

Notes: 146/146=100%	PRINTED NAME: Ryan Kimball SIGNATURE:  PHONE #: ( 541 ) 942 - 3349	DATE: Aug. 2, 2022 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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : WTP - B

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: JUL / 2022

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	0.77	140	108	15.8	8.04	18	Yes	1752
2	0500	0.78	140	109	15.5	8.02	19	Yes	1590
3	0600	0.78	140	109	15.5	8.01	19	Yes	1567
4	0500	0.76	140	106	15.5	8.04	19	Yes	1722
5	0500	0.76	140	106	15.6	8.10	19	Yes	1559
6	0500	0.75	140	105	15.7	8.18	19	Yes	1584
7	0600	0.74	140	104	15.7	8.25	20	Yes	1485
8	0600	0.74	140	104	15.8	8.23	20	Yes	1721
9	0700	0.73	140	102	16.1	8.20	19	Yes	1666
10	1900	0.77	140	108	16.4	8.06	18	Yes	1722
11	0600	0.74	140	104	16.7	8.01	17	Yes	2011
12	0700	0.76	140	106	17.1	7.95	16	Yes	2058
13	0700	0.74	140	104	17.2	7.95	16	Yes	2077
14	0700	0.74	140	104	16.9	7.77	15	Yes	1897
15	0700	0.73	140	102	16.8	8.00	17	Yes	1945
16	0700	0.71	140	99	16.9	8.07	17	Yes	1794
17	1900	0.75	140	105	16.7	8.06	18	Yes	1806
18	0600	0.74	140	104	16.6	8.04	17	Yes	2003
19	2000	0.75	140	105	16.8	8.03	17	Yes	2046
20	0600	0.74	140	104	17.0	8.00	17	Yes	2243
21	0700	0.71	140	99	17.1	8.00	17	Yes	2072
22	0600	0.74	140	104	16.9	8.05	17	Yes	2117
23	0500	0.76	140	106	16.6	8.04	17	Yes	2085
24	2000	0.76	140	106	16.6	8.02	17	Yes	2363
25	2000	0.76	140	106	17.0	8.01	17	Yes	2546
26	0600	0.74	140	104	18.2	8.02	16	Yes	2397
27	0700	0.71	140	99	18.5	8.02	15	Yes	2514
28	0700	0.74	140	104	18.0	8.02	16	Yes	2473
29	0600	0.75	140	105	18.8	8.03	15	Yes	2523
30	0700	0.75	140	105	19.2	7.98	14	Yes	2375
31	0600	0.74	140	104	19.2	7.92	14	Yes	2227

<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.