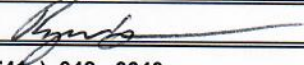


OHA - Drinking Water Services - Surface Water Quality Data Form  
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : Lane  
 Month/Year : JUN / 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	OFF	OFF	0.014	0.020	0.016	0.019	0.020
2	OFF	OFF	0.015	0.017	0.019	OFF	0.019
3	OFF	OFF	0.016	0.016	0.020	OFF	0.020
4	OFF	OFF	0.014	0.015	0.016	OFF	0.020
5	OFF	OFF	0.016	0.016	0.016	OFF	0.021
6	OFF	OFF	0.015	0.016	0.019	OFF	0.019
7	OFF	OFF	0.016	0.017	0.016	OFF	0.018
8	OFF	OFF	0.016	0.019	0.018	OFF	0.019
9	OFF	OFF	0.017	0.017	0.017	0.017	0.018
10	OFF	OFF	0.017	0.018	0.018	OFF	0.018
11	OFF	OFF	0.017	0.017	0.018	OFF	0.022
12	OFF	OFF	0.015	0.018	0.018	0.021	0.021
13	OFF	OFF	0.020	0.020	0.021	0.021	0.021
14	OFF	OFF	0.019	0.022	0.020	0.021	0.022
15	0.020	OFF	OFF	0.026	0.020	0.019	0.031
16	OFF	OFF	0.017	0.014	0.016	OFF	0.020
17	OFF	OFF	0.014	0.016	0.016	OFF	0.017
18	OFF	OFF	0.014	0.015	0.015	OFF	0.016
19	OFF	OFF	0.016	0.016	0.015	OFF	0.017
20	OFF	OFF	OFF	0.015	0.016	0.015	0.016
21	OFF	OFF	0.014	0.016	0.015	0.014	0.017
22	OFF	OFF	0.016	0.014	0.016	0.014	0.016
23	OFF	OFF	0.013	0.015	0.015	0.015	0.015
24	0.015	OFF	0.015	0.016	0.015	0.015	0.022
25	0.015	OFF	0.015	0.014	0.015	0.015	0.016
26	0.014	OFF	0.011	0.015	0.015	0.015	0.016
27	0.015	0.015	0.011	0.015	0.017	0.015	0.017
28	0.015	0.015	0.015	0.016	0.017	0.016	0.017
29	OFF	OFF	0.014	0.016	0.016	0.016	0.018
30	OFF	OFF	0.014	0.016	0.017	0.017	0.017

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 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	Monthly Summary (Answer Yes or No)	
	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
Notes: 112/112=100%	PRINTED NAME: Ryan Kimball	
	SIGNATURE: 	DATE: July 1, 2022
	PHONE #: ( 541 ) 942 - 3349	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
Disinfection <i>Giardia</i> Log Inactivation:	0.5

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

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	1300	0.77	140	108	12.7	8.02	22	Yes	1142
2	0700	0.75	140	105	13.1	7.94	21	Yes	1103
3	0700	0.79	140	111	13.1	8.09	23	Yes	991
4	1300	0.82	140	115	12.9	8.12	23	Yes	944
5	0900	0.77	140	108	12.8	8.10	23	Yes	959
6	0900	0.76	140	106	12.7	8.13	23	Yes	916
7	0900	0.77	140	108	12.7	8.14	24	Yes	965
8	1800	0.78	140	109	13.0	8.14	23	Yes	1048
9	0700	0.75	140	105	12.9	8.15	23	Yes	1095
10	0700	0.76	140	106	13.3	8.12	22	Yes	961
11	1000	0.75	140	105	13.3	8.02	22	Yes	930
12	1000	0.78	140	109	13.3	7.89	21	Yes	925
13	0700	0.75	140	105	13.9	7.91	20	Yes	892
14	0700	0.75	140	105	13.2	7.93	21	Yes	1088
15	1800	0.74	140	104	13.2	7.96	21	Yes	902
16	0900	0.78	140	109	13.3	8.00	21	Yes	933
17	0900	0.79	140	111	13.3	8.01	22	Yes	864
18	1000	0.78	140	109	13.2	8.00	22	Yes	965
19	0900	0.74	140	104	13.2	7.99	21	Yes	944
20	2200	0.74	140	104	13.3	7.95	21	Yes	1014
21	1800	0.75	140	105	13.7	7.84	20	Yes	1123
22	2000	0.74	140	104	14.2	7.82	19	Yes	1277
23	0700	0.72	140	101	14.4	7.78	18	Yes	1348
24	2100	0.78	140	109	14.8	7.84	18	Yes	1435
25	0700	0.75	140	105	15.0	7.86	18	Yes	1524
26	2000	0.82	140	115	17.7	7.89	16	Yes	1887
27	2000	0.75	140	105	16.5	7.95	17	Yes	1659
28	0700	0.75	140	105	16.4	7.87	17	Yes	1629
29	0500	0.75	140	105	16.2	7.99	18	Yes	1689
30	0600	0.75	140	105	16.1	7.98	18	Yes	1562

<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.