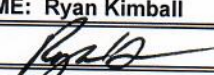


OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : **Lane**
 Month/Year : **AUG / 2021**
 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 ¹ [NTU]
1	0.016	0.016	0.016	0.016	0.017	0.017	0.017
2	0.016	0.017	0.017	0.017	0.017	0.017	0.018
3	0.017	0.017	0.017	0.017	0.017	0.018	0.019
4	0.018	0.018	0.020	0.018	0.019	0.019	0.020
5	0.019	0.019	0.019	0.020	0.019	0.021	0.021
6	0.020	0.020	0.015	0.018	0.018	0.019	0.021
7	0.018	0.018	0.015	0.016	0.016	0.016	0.018
8	0.016	0.016	0.017	0.016	0.016	0.016	0.017
9	0.016	0.016	0.017	0.016	0.016	0.017	0.017
10	0.017	0.017	0.017	0.016	0.017	0.018	0.018
11	0.018	0.017	0.017	0.017	0.017	0.018	0.018
12	0.018	0.017	0.018	0.018	0.018	0.018	0.019
13	0.019	0.018	0.019	0.018	0.018	0.019	0.020
14	0.019	0.019	0.019	0.020	0.016	0.016	0.020
15	0.014	0.014	0.015	0.013	0.014	0.014	0.019
16	0.016	0.016	0.011	0.016	0.015	0.017	0.017
17	0.017	0.016	0.015	0.016	0.016	0.016	0.017
18	0.016	0.016	0.016	0.016	0.017	0.018	0.018
19	0.017	0.018	0.018	0.020	0.017	0.016	0.020
20	0.017	0.017	0.017	0.016	0.017	0.017	0.018
21	0.017	0.017	0.016	0.015	0.016	0.016	0.022
22	0.015	0.016	0.018	0.014	0.016	0.016	0.018
23	0.015	0.015	0.016	0.017	0.016	0.016	0.018
24	0.016	0.015	0.016	0.015	0.016	0.016	0.018
25	0.016	0.016	0.019	0.016	0.016	0.017	0.019
26	0.016	0.016	0.017	0.017	0.018	0.017	0.022
27	0.017	0.017	0.017	0.017	0.017	0.018	0.020
28	0.017	0.017	0.018	0.018	0.018	0.018	0.019
29	0.017	0.017	0.016	0.015	0.016	0.016	0.021
30	0.015	0.015	0.015	0.015	0.015	0.015	0.016
31	0.015	0.015	0.015	0.016	0.015	0.016	0.016

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <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 Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
Notes: 186/186=100%	PRINTED NAME: Ryan Kimball SIGNATURE:  DATE: Sept. 1, 2021 PHONE #: (541) 942 - 7094 CERT #: T-882889	

¹ 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. ² 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: AUG / 2018

Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly ⁴ Demand Flow (Maximum Allowable Equals 3850 GPM)
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1900	0.76	140	106	22.4	8.14	12	Yes	2282
2	0600	0.75	140	105	22.9	8.15	12	Yes	2501
3	0600	0.75	140	105	23.1	8.15	12	Yes	2361
4	0600	0.76	140	106	23.2	8.17	12	Yes	2455
5	0800	0.75	140	105	23.0	8.16	12	Yes	2317
6	0500	0.76	140	106	22.6	8.13	12	Yes	2293
7	0600	0.73	140	102	23.0	8.12	12	Yes	2123
8	1900	0.73	140	102	23.6	8.13	11	Yes	2150
9	0600	0.73	140	102	23.3	8.13	12	Yes	2412
10	0600	0.72	140	101	23.3	8.13	12	Yes	2398
11	0600	0.71	140	99	23.8	8.12	11	Yes	2486
12	2000	0.72	140	101	24.2	8.12	11	Yes	2590
13	0700	0.72	140	101	24.6	8.12	11	Yes	2540
14	0600	0.75	140	105	24.1	8.11	11	Yes	2187
15	0700	0.77	140	108	24.3	8.10	11	Yes	2155
16	0600	0.77	140	108	24.3	8.10	11	Yes	2378
17	0500	0.77	140	108	24.1	8.10	11	Yes	2094
18	0600	0.78	140	109	23.4	8.09	11	Yes	2216
19	0600	0.78	140	109	23.5	8.06	11	Yes	2038
20	0600	0.79	140	111	23.7	8.03	11	Yes	2186
21	0500	0.79	140	111	23.6	7.97	11	Yes	2053
22	0500	0.76	140	106	23.2	8.01	11	Yes	1956
23	0500	0.78	140	109	22.8	8.02	12	Yes	2245
24	0500	0.79	140	111	22.6	8.03	12	Yes	2005
25	0600	0.79	140	111	22.7	8.05	12	Yes	2077
26	0600	0.79	140	111	23.0	8.06	12	Yes	1949
27	0600	0.78	140	109	23.2	8.08	11	Yes	2053
28	0600	0.80	140	112	22.9	8.09	12	Yes	1880
29	1900	0.78	140	109	23.3	8.09	11	Yes	1841
30	0600	0.82	140	115	23.0	8.09	12	Yes	2203
31	0500	0.93	140	130	22.5	8.09	12	Yes	1961

³ If Cl₂ 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"

⁴ 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.