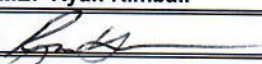


OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : **Lane**
 Month/Year : **AUG / 2022**
 WTP - : **WTP - B**

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 ¹ [NTU]	
1	0.015	0.015	0.017	0.016	0.017	0.016	0.018	
2	0.015	0.015	0.015	0.015	0.017	0.015	0.021	
3	0.015	0.015	0.015	0.016	0.017	0.017	0.018	
4	0.015	0.015	0.015	0.015	0.016	0.016	0.019	
5	0.016	0.016	0.019	0.016	0.018	0.018	0.022	
6	0.016	0.018	0.018	0.018	0.016	0.017	0.021	
7	0.015	0.021	0.015	0.015	0.016	0.015	0.021	
8	0.015	0.015	0.015	0.016	0.018	0.016	0.018	
9	0.015	0.014	0.014	0.015	0.018	0.015	0.018	
10	0.015	0.015	0.018	0.017	0.017	0.015	0.018	
11	0.016	0.016	0.019	0.015	0.018	0.015	0.019	
12	0.015	0.015	0.016	0.016	0.016	0.016	0.021	
13	0.017	0.015	0.017	0.022	0.017	0.017	0.022	
14	0.018	0.018	0.019	0.015	0.017	0.015	0.021	
15	0.015	0.016	0.015	0.015	0.016	0.016	0.017	
16	0.016	0.015	0.015	0.015	0.018	0.016	0.023	
17	0.015	0.014	0.016	0.016	0.016	0.016	0.020	
18	0.015	0.015	OFF	0.015	0.017	0.016	0.020	
19	0.016	0.016	0.017	0.017	0.017	0.016	0.021	
20	0.017	0.016	0.019	0.016	0.015	0.015	0.020	
21	0.015	0.015	0.015	0.015	0.016	0.015	0.019	
22	0.015	0.015	0.015	0.016	0.016	0.015	0.016	
23	0.015	0.015	0.017	0.016	0.017	0.015	0.018	
24	0.015	0.015	0.015	0.015	0.017	0.015	0.017	
25	0.014	0.016	0.014	0.016	0.017	0.015	0.021	
26	0.015	0.015	0.015	0.016	0.016	0.016	0.019	
27	0.016	0.015	0.017	0.016	0.017	0.016	0.021	
28	0.015	0.015	0.016	0.016	0.016	0.015	0.017	
29	0.016	0.017	0.016	0.018	0.017	0.018	0.023	
30	0.017	0.017	0.017	0.017	0.019	0.020	0.021	
31	0.020	0.019	0.016	0.019	0.023	0.022	0.026	

Slow Sand (Membrane) 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 Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
Notes: 185/185= 100%	PRINTED NAME: Ryan Kimball	
	SIGNATURE: 	DATE: Sept. 1, 2022
	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 / 2022

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	0600	0.74	140	104	18.9	7.97	15	Yes	2611
2	0600	0.75	140	105	18.7	7.97	15	Yes	2253
3	0600	0.73	140	102	18.5	7.96	15	Yes	2465
4	0700	0.74	140	104	18.5	7.93	15	Yes	2559
5	0600	0.72	140	101	17.9	7.93	15	Yes	2402
6	0600	0.71	140	99	17.7	7.93	16	Yes	2059
7	0600	0.72	140	101	18.0	7.91	15	Yes	2223
8	0600	0.71	140	99	18.1	7.89	15	Yes	2404
9	0600	0.72	140	101	17.9	7.89	15	Yes	2231
10	0600	0.73	140	102	17.8	7.89	15	Yes	2327
11	0600	0.72	140	101	17.6	7.97	16	Yes	2261
12	0600	0.73	140	102	17.3	8.00	16	Yes	2292
13	0600	0.76	140	106	16.9	8.02	17	Yes	1820
14	0700	0.76	140	106	17.3	8.03	17	Yes	1975
15	0600	0.78	140	109	17.4	8.02	17	Yes	2427
16	0600	0.78	140	109	17.6	8.02	16	Yes	2290
17	0500	0.77	140	108	17.7	8.01	16	Yes	2496
18	0700	0.76	140	106	17.6	8.01	16	Yes	3020
19	0600	0.76	140	106	17.3	7.96	16	Yes	2317
20	0600	0.76	140	106	17.4	7.96	16	Yes	1979
21	0500	0.75	140	105	17.5	7.97	16	Yes	2194
22	0600	0.79	140	111	17.8	7.97	16	Yes	2336
23	0600	0.79	140	111	17.9	7.96	16	Yes	2230
24	0600	0.77	140	108	18.0	7.96	16	Yes	2314
25	0600	0.78	140	109	17.8	7.97	16	Yes	2245
26	0600	0.76	140	106	17.8	7.99	16	Yes	2306
27	0500	0.78	140	109	17.7	7.99	16	Yes	1900
28	0600	0.76	140	106	17.6	8.00	16	Yes	2040
29	0500	0.79	140	111	17.3	8.00	16	Yes	2361
30	0600	0.77	140	108	17.5	8.00	16	Yes	2238
31	0600	0.76	140	106	17.5	7.99	16	Yes	2486

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.