

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

County : Lane
 Month/Year : JUL / 2023
 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	0.014	0.014	0.015	0.014	0.017	0.014	0.017	
2	0.014	0.013	0.015	0.017	0.014	0.015	0.018	
3	0.015	0.013	0.015	0.013	0.018	0.016	0.018	
4	0.014	0.014	0.013	0.015	0.017	0.014	0.017	
5	0.014	0.014	0.014	0.015	0.015	0.015	0.016	
6	0.014	0.014	0.015	0.014	0.014	0.015	0.016	
7	0.014	0.014	0.017	0.015	0.015	0.015	0.017	
8	0.014	0.014	0.014	0.014	0.014	0.014	0.015	
9	0.014	0.014	0.014	0.014	0.015	0.015	0.016	
10	0.014	0.014	0.014	0.014	0.015	0.015	0.017	
11	0.014	0.014	0.015	0.015	0.014	0.015	0.016	
12	0.015	0.014	0.015	0.015	0.015	0.015	0.017	
13	0.014	0.015	0.014	0.015	0.015	0.014	0.016	
14	0.014	0.014	0.018	0.015	0.016	0.015	0.022	
15	0.015	0.015	0.015	0.015	0.020	0.016	0.020	
16	0.015	0.015	0.015	0.016	0.017	0.017	0.020	
17	0.016	0.016	0.016	0.017	0.017	0.016	0.019	
18	0.016	0.016	0.014	0.016	0.016	0.016	0.017	
19	0.016	0.015	0.016	0.015	0.016	0.015	0.019	
20	0.015	0.015	0.015	0.015	0.015	0.016	0.016	
21	0.016	0.015	0.016	0.017	0.015	0.016	0.017	
22	0.014	0.014	0.015	0.014	0.014	0.014	0.015	
23	0.013	0.016	0.016	0.014	0.014	0.014	0.020	
24	0.015	0.015	0.014	0.014	0.014	0.015	0.021	
25	0.017	0.014	0.015	0.018	0.017	0.016	0.018	
26	0.016	0.014	0.015	0.014	0.019	0.016	0.019	
27	0.015	0.015	0.015	0.014	0.015	0.016	0.016	
28	0.014	0.014	0.014	0.014	0.014	0.014	0.014	
29	0.014	0.014	0.014	0.015	0.014	0.015	0.015	
30	0.014	0.014	0.015	0.017	0.017	0.016	0.018	
31	0.016	0.015	0.014	OFF	0.016	0.016	0.020	

Slow Sand / Membrane / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <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: 185/185=100%	PRINTED NAME: Ryan Kimball SIGNATURE: <i>Ryan Kimball</i> PHONE #: (541) 942 - 3349	
	DATE: Aug. 1, 2023 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

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: JUL / 2023

Disinfection *Giardia*
Log Inactivation:

0.5

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	0.76	140	106	15.5	7.98	18	Yes	2563
2	0500	0.75	140	105	16.0	7.97	18	Yes	2543
3	0500	0.72	140	101	16.1	7.91	17	Yes	2616
4	0500	0.72	140	101	16.4	7.89	17	Yes	2359
5	0600	0.74	140	104	16.7	7.90	17	Yes	2806
6	0600	0.74	140	104	16.8	7.86	16	Yes	2571
7	0600	0.74	140	104	16.8	7.84	16	Yes	2682
8	0500	0.75	140	105	16.5	7.86	17	Yes	2321
9	0500	0.76	140	106	16.2	7.96	17	Yes	2470
10	0500	0.77	140	108	16.2	7.97	17	Yes	2705
11	0500	0.77	140	108	16.3	7.97	17	Yes	2599
12	0500	0.76	140	106	16.6	7.95	17	Yes	2683
13	0500	0.77	140	108	17.1	7.96	16	Yes	2625
14	0600	0.76	140	106	17.4	7.94	16	Yes	2793
15	0600	0.75	140	105	17.6	7.89	15	Yes	2432
16	0600	0.74	140	104	17.7	8.01	16	Yes	2591
17	0600	0.75	140	105	17.7	8.03	16	Yes	2828
18	0500	0.74	140	104	17.5	8.03	16	Yes	2545
19	0600	0.73	140	102	17.5	8.03	16	Yes	2715
20	0500	0.74	140	104	17.5	8.03	16	Yes	2482
21	0600	0.74	140	104	17.4	8.03	16	Yes	2787
22	0500	0.73	140	102	17.5	8.04	16	Yes	2370
23	0500	0.76	140	106	17.6	8.02	16	Yes	2523
24	0500	0.75	140	105	17.5	8.05	17	Yes	2701
25	0500	0.75	140	105	17.5	8.05	17	Yes	2547
26	0600	0.75	140	105	17.4	8.04	17	Yes	2678
27	0500	0.74	140	104	17.4	8.04	17	Yes	2462
28	0600	0.74	140	104	17.3	8.02	17	Yes	2740
29	0500	0.74	140	104	17.0	7.99	17	Yes	2150
30	0500	0.73	140	102	17.2	7.92	16	Yes	2459
31	0600	0.72	140	101	16.8	7.95	17	Yes	2614

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.