


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

County : Lane  
 Month/Year : NOV / 2023

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

Slow Sand <input checked="" type="radio"/> Membrane <input type="radio"/> DE Filtration / Unfiltered 95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup> <input checked="" type="radio"/> Yes / No All daily turbidity readings $\leq$ 5 NTU? <input checked="" type="radio"/> Yes / No	Monthly Summary (Answer Yes or No)	
Notes: 90/90=100%	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All Cl2 residual at entry point $\geq$ 0.2 mg/l? <input checked="" type="radio"/> Yes / No
PRINTED NAME: Ryan Kimball		
SIGNATURE: 		DATE: Dec. 5, 2023
PHONE #: ( 541 ) 942 - 3349		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: NOV / 2023

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	0700	0.76	140	106	13.3	7.82	20	Yes	861
2	0700	0.74	140	104	13.2	7.87	21	Yes	888
3	0700	0.74	140	104	13.2	7.90	21	Yes	852
4	1100	0.75	140	105	13.2	7.91	21	Yes	973
5	1000	0.72	140	101	13.1	7.89	21	Yes	1014
6	0600	0.71	140	99	13.0	7.81	20	Yes	888
7	1800	0.77	140	108	12.7	7.72	20	Yes	823
8	1100	0.73	140	102	12.3	7.73	21	Yes	867
9	1700	0.73	140	102	11.8	7.80	22	Yes	799
10	1000	0.67	140	94	11.5	7.86	23	Yes	872
11	1000	0.67	140	94	11.5	7.86	23	Yes	871
12	1000	0.74	140	104	11.2	7.98	24	Yes	961
13	1800	0.76	140	106	11.1	7.97	25	Yes	807
14	1800	0.79	140	111	11.0	7.98	25	Yes	790
15	1800	0.81	140	113	11.0	7.99	25	Yes	834
16	1100	0.83	140	116	11.0	7.98	25	Yes	797
17	1000	0.81	140	113	10.8	7.97	25	Yes	936
18	1000	0.78	140	109	10.7	7.87	24	Yes	944
19	1000	0.78	140	109	10.7	7.88	25	Yes	941
20	1100	0.76	140	106	10.3	7.88	25	Yes	823
21	1000	0.78	140	109	10.2	7.87	25	Yes	824
22	1000	0.77	140	108	10.1	7.83	25	Yes	810
23	1000	0.75	140	105	9.7	7.88	26	Yes	1058
24	1000	0.77	140	108	9.5	7.91	27	Yes	892
25	1000	0.78	140	109	8.9	7.94	28	Yes	960
26	1000	0.82	140	115	8.6	7.94	29	Yes	973
27	1000	0.83	140	116	8.1	7.94	30	Yes	901
28	1800	0.81	140	113	7.6	7.95	31	Yes	821
29	1900	0.84	140	118	7.3	7.96	32	Yes	803
30	1100	0.81	140	113	7.2	7.97	32	Yes	901

<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.