

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

County : Lane
 Month/Year : NOV / 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	OFF	OFF	0.015	0.016	0.015	0.015	0.016
2	OFF	OFF	OFF	0.015	0.015	OFF	0.015
3	OFF	OFF	0.014	0.014	0.015	OFF	0.015
4	OFF	OFF	0.014	0.014	0.014	OFF	0.014
5	OFF	OFF	0.015	0.014	0.014	OFF	0.015
6	OFF	OFF	0.014	0.015	0.014	OFF	0.015
7	OFF	OFF	0.015	0.016	0.014	OFF	0.016
8	OFF	OFF	0.014	0.018	0.019	0.018	0.021
9	OFF	OFF	0.023	0.020	0.020	0.017	0.023
10	OFF	OFF	0.016	0.018	0.017	OFF	0.021
11	OFF	OFF	0.018	0.018	0.020	OFF	0.021
12	OFF	OFF	0.017	0.020	0.018	OFF	0.021
13	OFF	OFF	0.017	0.019	0.020	OFF	0.020
14	OFF	OFF	0.014	0.017	0.016	0.016	0.022
15	OFF	OFF	0.013	0.016	0.014	0.012	0.023
16	OFF	OFF	0.014	0.015	0.015	OFF	0.026
17	OFF	OFF	0.017	0.018	0.018	OFF	0.020
18	OFF	OFF	0.013	0.016	0.016	0.018	0.020
19	OFF	OFF	0.018	0.018	0.017	OFF	0.020
20	OFF	OFF	0.015	0.015	0.017	OFF	0.020
21	OFF	OFF	0.014	0.015	0.020	OFF	0.020
22	OFF	OFF	0.019	0.013	0.014	OFF	0.019
23	OFF	OFF	0.018	0.016	0.015	OFF	0.018
24	OFF	OFF	0.017	0.017	0.016	OFF	0.020
25	OFF	OFF	0.017	0.017	0.018	OFF	0.019
26	OFF	OFF	0.016	0.018	0.015	OFF	0.019
27	OFF	OFF	0.017	0.015	0.019	OFF	0.019
28	OFF	OFF	0.017	0.020	0.021	OFF	0.021
29	OFF	OFF	0.014	0.014	0.014	OFF	0.018
30	OFF	OFF	0.014	0.014	0.018	OFF	0.026

Slow Sand / Membrane / DE Filtration / Unfiltered
 95% of daily turbidity readings ≤ 1 NTU? ² Yes / No
 All daily turbidity readings ≤ 5 NTU? Yes / No

Monthly Summary (Answer Yes or No)
 CT's met everyday? (see back) Yes / No
 All Cl2 residual at entry point ≥ 0.2 mg/l? Yes / No

Notes: 95/95=100%

PRINTED NAME: Ryan Kimball
 SIGNATURE: 
 DATE: Dec. 6, 2021
 PHONE #: (541) 942 - 7049
 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

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

WTP - :	WTP - B
Disinfection <i>Giardia</i> 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	0700	0.76	140	106	13.9	8.00	21	Yes	858
2	1800	0.80	140	112	13.9	8.00	21	Yes	882
3	0900	0.75	140	105	13.9	8.01	21	Yes	862
4	0900	0.75	140	105	13.8	8.04	21	Yes	1025
5	0700	0.74	140	104	13.7	8.01	21	Yes	845
6	0900	0.71	140	99	13.5	7.97	21	Yes	953
7	0900	0.71	140	99	13.1	7.95	21	Yes	1019
8	1700	0.76	140	106	12.6	7.96	22	Yes	854
9	0800	0.72	140	101	12.7	7.98	22	Yes	872
10	1200	0.77	140	108	12.4	8.01	23	Yes	960
11	0800	0.72	140	101	12.2	8.00	23	Yes	888
12	1100	0.79	140	111	12.1	7.96	23	Yes	982
13	0900	0.78	140	109	12.3	7.95	23	Yes	954
14	0900	0.79	140	111	12.7	7.93	22	Yes	974
15	0900	0.78	140	109	12.8	7.91	21	Yes	893
16	0800	0.78	140	109	12.7	7.87	21	Yes	837
17	1700	0.80	140	112	12.2	7.84	22	Yes	803
18	0900	0.82	140	115	11.9	7.85	22	Yes	1629
19	0800	0.84	140	118	11.4	7.86	23	Yes	832
20	1100	0.85	140	119	11.2	7.96	25	Yes	954
21	1100	0.86	140	120	11.3	7.99	25	Yes	952
22	2200	0.83	140	116	10.8	8.03	26	Yes	874
23	0700	0.81	140	113	10.6	8.12	27	Yes	1108
24	0900	0.82	140	115	10.3	8.14	28	Yes	1470
25	1100	0.81	140	113	9.8	8.14	29	Yes	1075
26	1100	0.82	140	115	10.0	8.12	28	Yes	988
27	0900	0.81	140	113	10.0	8.11	28	Yes	944
28	0900	0.80	140	112	10.3	8.12	28	Yes	991
29	1100	0.81	140	113	10.3	8.12	27	Yes	921
30	1100	0.81	140	113	10.4	8.13	27	Yes	1055

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.