


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

County : **Lane**
 Month/Year : **APR / 2022**

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	OFF	OFF	0.019	0.016	0.015	OFF	0.019
2	OFF	OFF	0.014	0.015	0.019	OFF	0.021
3	OFF	OFF	0.016	0.015	0.018	OFF	0.018
4	OFF	OFF	0.016	0.015	0.019	OFF	0.019
5	OFF	OFF	0.015	0.017	0.017	OFF	0.018
6	OFF	OFF	0.015	0.017	0.017	OFF	0.021
7	OFF	OFF	0.024	0.015	0.016	OFF	0.024
8	OFF	OFF	0.016	0.014	0.017	OFF	0.017
9	OFF	OFF	0.016	0.014	0.015	OFF	0.018
10	OFF	OFF	0.017	0.016	0.016	OFF	0.017
11	OFF	OFF	0.016	0.017	0.017	OFF	0.020
12	OFF	OFF	0.016	0.017	0.017	OFF	0.023
13	OFF	OFF	0.017	0.017	0.015	OFF	0.022
14	OFF	OFF	0.020	0.018	0.018	OFF	0.020
15	OFF	OFF	0.018	0.015	0.018	OFF	0.021
16	OFF	OFF	0.015	0.015	0.016	OFF	0.019
17	OFF	OFF	0.012	0.014	0.017	OFF	0.022
18	OFF	OFF	0.014	0.016	0.016	OFF	0.017
19	OFF	OFF	0.012	0.016	0.016	OFF	0.017
20	OFF	OFF	0.015	0.017	0.016	OFF	0.018
21	OFF	OFF	0.016	0.016	0.017	OFF	0.019
22	OFF	OFF	0.020	0.015	0.016	OFF	0.020
23	OFF	OFF	0.015	0.015	0.018	OFF	0.018
24	OFF	OFF	0.016	0.016	0.019	OFF	0.019
25	OFF	OFF	0.016	0.014	0.016	0.015	0.018
26	OFF	OFF	OFF	0.016	0.015	OFF	0.022
27	OFF	OFF	0.015	0.013	0.017	OFF	0.018
28	OFF	OFF	OFF	0.015	0.020	OFF	0.020
29	OFF	OFF	0.016	0.017	0.016	OFF	0.022
30	OFF	OFF	OFF	0.016	0.017	OFF	0.017

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)	
Notes: 87/87 = 100%	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
PRINTED NAME: Ryan Kimball		
SIGNATURE: 		DATE: May 1, 2022
PHONE #: (541) 942 - 3349		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: APR / 2022	WTP - : Disinfection <i>Giardia</i> Log Inactivation:	WTP - B 0.5
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Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly ⁴ Demand Flow (Maximum Allowable Equals 3850 GPM) [GPM]
1	1200	0.72	140	101	7.0	8.16	35	Yes	875
2	0900	0.68	140	95	8.7	8.07	30	Yes	932
3	1000	0.74	140	104	11.4	8.00	24	Yes	1108
4	1300	0.75	140	105	11.1	7.92	24	Yes	1104
5	0800	0.74	140	104	11.0	7.85	24	Yes	994
6	1900	0.78	140	109	11.1	7.82	23	Yes	884
7	0900	0.76	140	106	11.2	7.99	25	Yes	897
8	1300	0.76	140	106	11.4	7.97	24	Yes	835
9	0900	0.77	140	108	11.3	7.96	24	Yes	1127
10	1200	0.79	140	111	11.3	7.98	24	Yes	910
11	0700	0.79	140	111	10.8	7.87	24	Yes	831
12	0900	0.73	140	102	10.4	7.91	25	Yes	857
13	0700	0.78	140	109	10.4	7.88	25	Yes	833
14	1000	0.78	140	109	10.2	7.84	25	Yes	899
15	0700	0.77	140	108	10.0	7.82	25	Yes	868
16	0900	0.77	140	108	10.4	7.82	24	Yes	906
17	0900	0.75	140	105	10.2	7.86	25	Yes	955
18	0900	0.75	140	105	10.4	7.88	25	Yes	858
19	0700	0.74	140	104	10.2	7.90	25	Yes	793
20	0900	0.83	140	116	10.2	7.93	26	Yes	888
21	0700	0.74	140	104	10.2	7.95	26	Yes	846
22	1200	0.77	140	108	10.2	7.99	26	Yes	863
23	0900	0.77	140	108	10.3	8.04	27	Yes	954
24	1100	0.77	140	108	10.3	8.06	27	Yes	1134
25	1200	0.78	140	109	11.0	8.03	25	Yes	1009
26	0700	0.73	140	102	10.9	8.01	25	Yes	1093
27	0900	0.72	140	101	10.9	8.02	25	Yes	845
28	0700	0.74	140	104	11.1	8.00	25	Yes	863
29	0700	0.74	140	104	11.1	8.03	25	Yes	855
30	1000	0.75	140	105	10.9	8.03	25	Yes	953

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.