

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

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

Slow Sand <u>Membrane</u> / 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: 93/93=100%	PRINTED NAME: Ryan Kimball SIGNATURE: <i>Ryan Kimball</i> PHONE #: (541) 942 - 3349	
	DATE: Jan. 2, 2023 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

System Name: Cottage Grove, City of ID # : 4100236 Month/Year: DEC / 2022
 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	1700	0.78	140	109	7.3	8.09	33	Yes	830
2	1000	0.76	140	106	7.6	8.14	33	Yes	873
3	1000	0.78	140	109	7.2	8.15	34	Yes	965
4	1000	0.76	140	106	7.4	8.18	34	Yes	936
5	1000	0.75	140	105	7.4	8.19	34	Yes	845
6	1200	0.77	140	108	7.3	8.24	35	Yes	987
7	1700	0.79	140	111	7.3	8.20	35	Yes	780
8	1000	0.76	140	106	7.3	7.98	32	Yes	771
9	1100	0.75	140	105	7.2	8.32	36	Yes	868
10	1000	0.71	140	99	7.2	8.31	36	Yes	928
11	1000	0.76	140	106	7.4	8.30	36	Yes	952
12	1000	0.76	140	106	7.4	8.29	35	Yes	824
13	1000	0.78	140	109	7.7	8.27	35	Yes	778
14	0900	0.77	140	108	7.6	8.24	34	Yes	838
15	1000	0.78	140	109	7.6	8.22	34	Yes	864
16	1000	0.79	140	111	7.5	8.23	35	Yes	911
17	1000	0.77	140	108	6.9	8.20	35	Yes	1000
18	1000	0.83	140	116	7.1	8.06	34	Yes	988
19	1000	0.82	140	115	7.0	8.07	34	Yes	878
20	1000	0.81	140	113	6.9	8.06	34	Yes	870
21	1000	0.81	140	113	6.9	8.05	34	Yes	843
22	1000	0.80	140	112	6.6	8.05	34	Yes	1032
23	1000	0.81	140	113	6.6	8.11	35	Yes	1010
24	1000	0.81	140	113	6.6	8.10	35	Yes	982
25	1000	0.81	140	113	7.0	8.10	34	Yes	1121
26	1000	0.80	140	112	7.5	8.09	33	Yes	921
27	1000	0.79	140	111	7.9	8.09	32	Yes	813
28	1000	0.76	140	106	8.4	8.04	30	Yes	894
29	1100	0.77	140	108	8.3	8.04	30	Yes	1516
30	1000	0.75	140	105	8.6	8.03	30	Yes	865
31	1000	0.74	140	104	8.7	7.99	29	Yes	990

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.