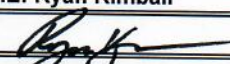


OHA - Drinking Water Services - Surface Water Quality Data Form
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : Lane
 Month/Year : SEP / 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	0.021	0.022	0.019	0.023	0.022	0.024	0.025
2	0.023	0.024	0.017	0.017	0.017	0.016	0.024
3	0.017	0.017	0.018	0.015	0.017	0.016	0.019
4	0.015	0.015	0.012	0.015	0.017	0.016	0.022
5	0.015	0.015	0.016	0.016	0.017	0.017	0.017
6	0.015	0.015	0.019	0.016	0.016	0.017	0.019
7	0.015	0.015	0.015	0.016	0.017	0.015	0.024
8	0.015	0.015	0.015	0.017	0.016	0.016	0.020
9	0.015	0.015	0.016	0.016	0.015	0.021	0.022
10	0.015	0.015	0.014	0.016	0.016	0.016	0.019
11	0.015	0.015	0.017	0.016	0.017	0.018	0.019
12	0.016	0.016	0.016	0.017	0.017	0.018	0.020
13	OFF	OFF	0.017	0.016	0.017	0.016	0.023
14	0.016	0.016	0.015	0.016	0.017	0.016	0.018
15	0.016	0.016	0.019	0.017	0.017	0.019	0.025
16	0.017	OFF	0.018	0.017	0.019	0.019	0.023
17	0.017	OFF	0.014	0.021	0.016	0.017	0.021
18	0.014	0.014	0.016	0.016	0.016	0.015	0.016
19	0.016	OFF	0.013	0.016	0.017	0.016	0.017
20	OFF	OFF	0.016	0.015	0.016	0.016	0.017
21	OFF	OFF	0.018	0.016	0.016	0.012	0.018
22	OFF	OFF	0.017	0.016	0.016	0.016	0.017
23	OFF	OFF	0.015	0.017	0.016	0.016	0.017
24	OFF	OFF	0.015	0.016	0.017	0.016	0.019
25	OFF	OFF	0.017	0.016	0.017	0.017	0.018
26	OFF	OFF	0.015	0.016	0.017	0.017	0.018
27	OFF	OFF	0.017	0.017	0.018	0.018	0.019
28	OFF	OFF	0.016	0.017	0.018	0.017	0.018
29	OFF	OFF	0.018	0.016	0.017	0.017	0.026
30	0.017	OFF	0.014	0.017	0.019	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 Notes: 123/123=100%	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
PRINTED NAME: Ryan Kimball SIGNATURE:  PHONE #: (541) 942 - 3349	
DATE: Oct. 3, 2022 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: SEP / 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	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	0500	0.76	140	106	17.4	7.99	16	Yes	2200
2	0600	0.76	140	106	17.3	7.96	16	Yes	2156
3	0500	0.82	140	115	17.4	7.94	16	Yes	1866
4	0500	0.79	140	111	17.5	7.93	16	Yes	1957
5	0500	0.77	140	108	17.5	7.92	16	Yes	2201
6	0600	0.78	140	109	17.4	7.93	16	Yes	2081
7	0500	0.77	140	108	17.2	7.93	16	Yes	2318
8	0600	0.76	140	106	16.9	7.90	16	Yes	2068
9	0600	0.77	140	108	16.8	7.88	16	Yes	2157
10	0500	0.78	140	109	16.3	7.88	17	Yes	1865
11	0500	0.80	140	112	16.6	7.91	17	Yes	2028
12	0500	0.81	140	113	16.4	7.91	17	Yes	2153
13	0600	0.76	140	106	16.3	7.87	17	Yes	1857
14	0600	0.78	140	109	15.9	7.80	17	Yes	1931
15	0600	0.78	140	109	15.8	7.71	16	Yes	1741
16	0600	0.77	140	108	15.8	7.73	17	Yes	1781
17	0600	0.78	140	109	15.6	7.71	17	Yes	1488
18	0600	0.83	140	116	15.6	7.65	16	Yes	1509
19	0600	0.78	140	109	15.6	7.58	16	Yes	1778
20	0600	0.77	140	108	15.7	7.54	15	Yes	1537
21	0600	0.77	140	108	15.6	7.53	16	Yes	1475
22	0600	0.75	140	105	15.6	7.75	17	Yes	1375
23	0900	0.75	140	105	15.8	7.97	18	Yes	1730
24	0500	0.75	140	105	16.1	8.19	19	Yes	1269
25	0500	0.78	140	109	16.6	8.19	19	Yes	1365
26	0500	0.78	140	109	17.0	8.17	18	Yes	1586
27	0600	0.76	140	106	17.5	8.22	18	Yes	1470
28	0600	0.73	140	102	17.9	8.23	17	Yes	1503
29	0600	0.68	140	95	18.1	8.24	17	Yes	1290
30	0600	0.67	140	94	18.4	8.22	16	Yes	1345

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.