

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

County : Lane
 Month/Year : OCT / 2022
 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	0.017	0.018	0.019	0.019	0.019
2	OFF	OFF	0.019	0.016	0.021	0.017	0.022
3	OFF	OFF	0.012	0.016	0.016	0.016	0.017
4	OFF	OFF	0.017	0.015	0.016	0.015	0.019
5	OFF	OFF	0.017	0.015	0.016	0.015	0.018
6	OFF	OFF	0.016	0.016	0.016	0.015	0.019
7	OFF	OFF	0.013	0.017	0.016	OFF	0.017
8	OFF	OFF	0.015	0.014	0.013	0.015	0.024
9	OFF	OFF	0.014	0.015	0.015	0.015	0.016
10	OFF	OFF	0.014	0.015	0.016	0.016	0.016
11	OFF	OFF	0.015	0.016	0.016	0.017	0.017
12	OFF	OFF	0.013	0.017	0.018	0.011	0.018
13	OFF	OFF	0.017	0.018	0.019	0.020	0.021
14	OFF	OFF	0.014	0.021	0.022	0.023	0.025
15	OFF	OFF	0.017	0.015	0.015	0.014	0.018
16	OFF	OFF	0.014	0.014	0.015	OFF	0.019
17	OFF	OFF	0.014	0.013	0.015	OFF	0.015
18	OFF	OFF	0.014	0.014	0.015	OFF	0.019
19	OFF	OFF	0.015	0.014	0.015	0.014	0.015
20	OFF	OFF	0.015	0.015	0.014	OFF	0.017
21	OFF	OFF	0.018	0.015	0.015	OFF	0.018
22	OFF	OFF	0.014	0.014	0.014	OFF	0.017
23	OFF	OFF	0.013	0.014	0.013	OFF	0.017
24	OFF	OFF	0.014	0.013	0.014	0.010	0.019
25	OFF	OFF	0.015	0.013	0.014	OFF	0.018
26	OFF	OFF	0.015	0.013	0.014	OFF	0.015
27	OFF	OFF	0.014	0.016	0.015	OFF	0.020
28	OFF	OFF	0.015	0.014	0.018	OFF	0.023
29	OFF	OFF	0.014	0.014	0.015	OFF	0.015
30	OFF	OFF	0.013	0.016	0.016	OFF	0.021
31	OFF	OFF	0.018	0.016	0.016	OFF	0.018

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: 109/109 = 100%

PRINTED NAME: Ryan Kimball
 SIGNATURE: 
 PHONE #: (541) 942 - 7094
 DATE: Nov. 1, 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.

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System Name: Cottage Grove, City of	ID # : 4100236	Month/Year: OCT / 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	0500	0.63	140	88	18.6	8.21	16	Yes	1194
2	0500	0.62	140	87	19.2	8.18	15	Yes	1206
3	0500	0.62	140	87	19.6	8.17	15	Yes	1452
4	0700	0.63	140	88	19.8	8.15	15	Yes	1382
5	0500	0.66	140	92	19.8	8.15	15	Yes	1506
6	0600	0.62	140	87	19.6	8.10	14	Yes	1327
7	0500	0.65	140	91	19.6	8.16	15	Yes	1264
8	0500	0.65	140	91	19.4	8.16	15	Yes	1240
9	0500	0.73	140	102	19.7	8.01	14	Yes	1187
10	0600	0.77	140	108	19.7	7.97	14	Yes	1398
11	0700	0.79	140	111	19.7	7.95	14	Yes	1337
12	0500	0.78	140	109	19.4	7.94	14	Yes	1400
13	0700	0.76	140	106	18.9	7.99	15	Yes	1274
14	0700	0.76	140	106	19.7	7.93	14	Yes	1256
15	0500	0.75	140	105	19.0	7.93	14	Yes	1095
16	0500	0.73	140	102	19.1	7.91	14	Yes	1048
17	0600	0.72	140	101	19.2	7.92	14	Yes	1241
18	0700	0.74	140	104	19.0	7.91	14	Yes	1180
19	0600	0.73	140	102	18.7	7.91	14	Yes	1146
20	0900	0.68	140	95	18.5	7.91	15	Yes	1468
21	0700	0.67	140	94	18.4	7.86	14	Yes	1019
22	1000	0.71	140	99	18.1	7.90	15	Yes	990
23	1100	0.74	140	104	17.9	7.88	15	Yes	965
24	0700	0.71	140	99	17.7	7.87	15	Yes	996
25	0700	0.74	140	104	17.4	7.84	15	Yes	913
26	0700	0.73	140	102	16.8	7.82	16	Yes	873
27	0900	0.74	140	104	16.4	7.84	16	Yes	1452
28	0700	0.75	140	105	16.1	7.86	17	Yes	853
29	1000	0.79	140	111	15.9	7.87	17	Yes	1241
30	0900	0.77	140	108	15.8	7.87	17	Yes	1116
31	0700	0.77	140	108	15.8	7.87	17	Yes	830

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.