


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

County : **Lane**
 Month/Year : **JUL / 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	0.016	0.016	0.014	0.016	0.016	0.016	0.032
2	0.016	0.016	0.017	0.017	0.016	0.018	0.020
3	0.016	0.016	0.019	0.014	0.015	0.016	0.019
4	0.016	0.016	0.016	0.015	0.016	0.016	0.017
5	0.017	0.017	0.017	0.017	0.018	0.018	0.018
6	0.018	0.018	0.018	0.018	0.018	0.019	0.020
7	0.018	0.018	0.018	0.018	0.019	0.019	0.019
8	0.019	0.019	0.030	0.015	0.016	0.016	0.030
9	0.017	0.016	0.015	0.015	0.015	0.016	0.017
10	0.016	0.016	0.016	0.015	0.015	0.015	0.018
11	0.015	0.015	0.015	0.015	0.015	0.015	0.016
12	0.015	0.016	0.026	0.015	0.015	0.016	0.026
13	0.016	0.016	0.017	0.015	0.016	0.018	0.018
14	0.016	0.017	0.017	0.016	0.017	0.017	0.017
15	0.016	0.016	0.016	0.016	0.016	0.016	0.016
16	0.016	0.017	0.017	0.016	0.015	0.016	0.018
17	0.017	0.016	0.015	0.017	0.016	0.017	0.019
18	0.016	0.017	0.016	0.015	0.015	0.016	0.017
19	0.015	0.016	0.022	0.015	0.015	0.016	0.022
20	0.016	0.015	0.015	0.015	0.018	0.015	0.022
21	0.016	0.016	0.018	0.015	0.015	0.015	0.018
22	0.015	0.014	0.015	0.021	0.016	0.015	0.025
23	0.017	0.016	0.015	0.016	0.015	0.015	0.020
24	0.015	0.015	0.016	0.015	0.015	0.015	0.016
25	0.017	0.016	0.017	0.016	0.016	0.020	0.020
26	0.017	0.017	0.017	0.017	0.018	0.019	0.019
27	0.019	0.018	0.018	0.017	0.018	0.019	0.019
28	0.019	0.018	0.018	0.018	0.018	0.020	0.020
29	0.019	0.019	0.021	0.016	0.018	0.017	0.021
30	0.017	0.017	0.016	0.016	0.016	0.017	0.024
31	0.017	0.017	0.017	0.016	0.016	0.016	0.017

Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered		Monthly Summary (Answer Yes or No)	
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	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: 186/186=100%		PRINTED NAME: Ryan Kimball	
		SIGNATURE: 	DATE: Aug. 1, 2021
		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: JUL / 2018	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	0800	0.74	140	104	19.8	7.97	14	Yes	2179
2	2000	0.71	140	99	19.6	7.98	14	Yes	2176
3	0600	0.71	140	99	20.0	7.97	14	Yes	2161
4	0900	0.74	140	104	20.5	7.99	13	Yes	2116
5	2000	0.74	140	104	20.8	8.02	13	Yes	2444
6	0600	0.75	140	105	20.8	8.05	13	Yes	2268
7	2000	0.74	140	104	20.8	8.09	13	Yes	2241
8	0800	0.73	140	102	20.7	8.10	14	Yes	2537
9	2000	0.73	140	102	20.5	8.10	14	Yes	2401
10	0600	0.74	140	104	20.8	8.10	13	Yes	2284
11	2000	0.73	140	102	21.0	8.09	13	Yes	2435
12	2000	0.73	140	102	21.2	8.10	13	Yes	2415
13	0600	0.72	140	101	21.4	8.09	13	Yes	2263
14	2000	0.71	140	99	21.6	8.11	13	Yes	2326
15	0600	0.72	140	101	21.5	8.13	13	Yes	2206
16	0600	0.75	140	105	21.5	8.15	13	Yes	2288
17	0500	0.75	140	105	21.6	8.15	13	Yes	2103
18	2000	0.74	140	104	21.7	8.14	13	Yes	2204
19	0600	0.74	140	104	21.9	8.11	13	Yes	2447
20	0600	0.74	140	104	21.8	8.11	13	Yes	2258
21	0600	0.74	140	104	21.6	8.10	13	Yes	2268
22	0600	0.76	140	106	21.1	8.11	13	Yes	2227
23	0600	0.74	140	104	21.3	8.11	13	Yes	2366
24	0700	0.70	140	98	21.6	8.11	13	Yes	2190
25	2000	0.69	140	97	22.0	8.12	12	Yes	2438
26	0600	0.68	140	95	22.4	8.13	12	Yes	2488
27	0600	0.69	140	97	22.4	8.14	12	Yes	2487
28	2000	0.69	140	97	22.4	8.15	12	Yes	2556
29	0800	0.68	140	95	22.7	8.15	12	Yes	2542
30	0600	0.76	140	106	22.4	8.14	12	Yes	2466
31	0600	0.77	140	108	22.4	8.13	12	Yes	2169

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.