


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

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

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: 91/91 = 100%	PRINTED NAME: Ryan Kimball SIGNATURE:  PHONE #: (541) 942 - 7094	
	DATE: Dec. 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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WTP - : WTP - B

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: NOV / 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	1000	0.75	140	105	15.2	7.86	18	Yes	909
2	0700	0.78	140	109	14.6	7.87	19	Yes	844
3	0300	0.84	140	118	13.8	7.92	20	Yes	872
4	1000	0.83	140	116	13.5	7.96	21	Yes	846
5	1000	0.83	140	116	13.2	7.94	21	Yes	933
6	0900	0.79	140	111	13.1	7.89	21	Yes	1005
7	0800	0.79	140	111	12.6	7.82	21	Yes	831
8	1700	0.92	140	129	12.2	7.78	22	Yes	806
9	1000	0.87	140	122	11.4	7.72	22	Yes	871
10	1700	0.92	140	129	11.0	7.79	24	Yes	845
11	1000	0.87	140	122	10.6	7.85	25	Yes	939
12	1000	0.83	140	116	10.3	7.88	25	Yes	944
13	1000	0.89	140	125	10.4	7.88	25	Yes	941
14	1000	0.87	140	122	10.1	7.87	26	Yes	857
15	1000	0.85	140	119	9.5	7.85	26	Yes	818
16	1000	0.84	140	118	9.3	7.86	27	Yes	832
17	1000	0.83	140	116	9.1	7.83	27	Yes	849
18	1000	0.81	140	113	8.8	7.94	29	Yes	834
19	1000	0.79	140	111	8.1	8.04	31	Yes	984
20	1200	0.82	140	115	7.8	8.10	32	Yes	1098
21	1000	0.80	140	112	7.8	8.08	32	Yes	846
22	0600	0.80	140	112	7.7	8.08	32	Yes	948
23	1000	0.78	140	109	7.8	8.06	32	Yes	825
24	1000	0.78	140	109	7.7	8.10	32	Yes	1045
25	1000	0.78	140	109	7.6	8.09	32	Yes	903
26	1000	0.78	140	109	7.5	8.09	33	Yes	951
27	1000	0.78	140	109	7.7	8.08	32	Yes	955
28	1000	0.78	140	109	7.7	8.10	32	Yes	839
29	1700	0.82	140	115	7.7	8.15	33	Yes	807
30	1400	0.81	140	113	7.7	8.15	33	Yes	865

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.