

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :	WTP - B
Disinfection <i>Giardia</i>	
Log Inactivation:	0.5

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: FEB / 2023

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	0.77	140	108	6.4	8.03	35	Yes	934
2	1000	0.78	140	109	6.1	8.03	35	Yes	946
3	1000	0.79	140	111	6.1	8.06	36	Yes	879
4	1000	0.79	140	111	6.1	8.09	36	Yes	982
5	1000	0.79	140	111	6.3	8.12	36	Yes	997
6	1000	0.79	140	111	6.8	8.18	36	Yes	883
7	1800	0.81	140	113	6.5	8.17	36	Yes	829
8	1000	0.79	140	111	6.4	8.12	36	Yes	849
9	1000	0.79	140	111	6.8	8.27	37	Yes	1157
10	1000	0.80	140	112	7.1	8.17	35	Yes	921
11	1000	0.79	140	111	7.1	8.10	34	Yes	1002
12	1000	0.79	140	111	7.2	8.23	35	Yes	973
13	1000	0.78	140	109	7.5	8.14	33	Yes	838
14	1000	0.78	140	109	7.4	8.14	34	Yes	807
15	1800	0.79	140	111	7.5	8.15	34	Yes	837
16	1100	0.78	140	109	7.4	8.14	34	Yes	961
17	1000	0.77	140	108	7.2	8.10	34	Yes	864
18	1000	0.75	140	105	7.2	8.07	33	Yes	1108
19	1000	0.78	140	109	7.4	8.04	32	Yes	996
20	1000	0.76	140	106	7.4	8.04	32	Yes	923
21	1800	0.78	140	109	7.6	8.03	32	Yes	830
22	1800	0.77	140	108	7.4	7.98	32	Yes	831
23	0900	0.77	140	108	7.3	7.99	32	Yes	899
24	1000	0.77	140	108	7.0	8.01	33	Yes	854
25	1100	0.77	140	108	6.8	8.04	34	Yes	977
26	1000	0.77	140	108	7.0	8.04	33	Yes	974
27	1000	0.75	140	105	7.0	8.01	33	Yes	877
28	1000	0.75	140	105	6.8	7.98	33	Yes	861

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.