

OHA - Drinking Water Services - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County:	Douglas
Month/Year:	May, 23

System Name: Sutherland, City of ID#: 41 00847 WTP : TP-B, Cooper Creek WTP

Day	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	0.046	0.043	0.047	OFF	0.047
2	OFF	OFF	0.046	0.044	OFF	OFF	0.049
3	OFF	OFF	0.045	0.040	OFF	OFF	0.046
4	OFF	OFF	0.048	0.044	OFF	OFF	0.050
5	OFF	OFF	0.042	0.045	0.043	OFF	0.050
6	OFF	OFF	0.042	0.041	0.038	OFF	0.048
7	OFF	OFF	0.041	0.046	0.041	OFF	0.052
8	OFF	OFF	0.037	0.046	0.042	OFF	0.048
9	OFF	OFF	0.042	0.041	OFF	OFF	0.045
10	OFF	0.040	0.044	0.042	0.038	OFF	0.047
11	OFF	OFF	0.038	0.045	0.040	OFF	0.048
12	OFF	0.040	0.036	0.034	0.035	OFF	0.048
13	OFF	OFF	0.036	0.039	0.037	0.042	0.042
14	OFF	OFF	0.042	0.039	0.040	OFF	0.052
15	OFF	0.044	0.040	0.050	0.042	OFF	0.050
16	OFF	0.041	0.039	0.045	OFF	OFF	0.050
17	0.042	OFF	0.041	0.044	OFF	OFF	0.046
18	0.041	OFF	OFF	0.046	0.045	0.042	0.047
19	OFF	OFF	0.042	0.039	0.050	0.039	0.050
20	OFF	OFF	0.041	0.040	0.045	0.045	0.047
21	OFF	OFF	0.044	0.041	0.041	0.045	0.054
22	OFF	OFF	0.042	0.040	0.047	OFF	0.050
23	OFF	0.043	0.040	OFF	0.039	OFF	0.046
24	OFF	0.043	0.038	OFF	0.039	0.045	0.051
25	OFF	OFF	0.040	0.042	0.043	OFF	0.048
26	0.042	0.051	0.045	OFF	0.038	0.045	0.052
27	OFF	OFF	0.039	0.037	0.036	OFF	0.046
28	OFF	OFF	0.045	0.037	0.036	0.046	0.047
29	OFF	OFF	0.037	0.038	0.039	0.035	0.044
30	0.038	OFF	0.041	0.039	0.041	0.047	0.049
31	OFF	OFF	0.042	0.040	0.040	OFF	0.050

Conventional or Direct Filtration			Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
All turbidity readings < IFE ² triggers	<input checked="" type="radio"/> Yes	<input type="radio"/> No		

Notes:	NAME: <u>BRIAN ELLIOTT</u>
	SIGNATURE: <u>Brian Elliott</u> DATE: <u>6-8-2023</u>
	PHONE #: <u>(541) 430-9992</u> CERT #: <u>2691</u>

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 IFE = Individ. Filter Effi. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP: B - Cooper Creek

System Name: Sutherlin, City of	ID#: 41 00847	Month/Year: May, 23	Disinfection Giardia Log Inactiv:	0.500
---------------------------------	---------------	---------------------	---	-------

Day	Time	Minimum Cl ₂ Residual at 1st User [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1	10:30	1.7	70.00	119	8	7.24	33	YES	1980
2	10:07	1.6	70.00	112	8	7.02	32	YES	1980
3	10:29	1.6	70.00	112	9	7.05	32	YES	1980
4	10:19	1.6	70.00	112	8	7.11	32	YES	1980
5	12:32	1.5	70.00	105	8	7.03	32	YES	1980
6	11:24	1.6	70.00	112	8	7.04	32	YES	1980
7	9:20	1.6	70.00	112	9	6.98	26	YES	1980
8	9:30	1.5	70.00	105	9	7.17	32	YES	1980
9	9:00	1.5	70.00	105	9	7.12	32	YES	1980
10	8:15	1.6	70.00	112	8	7.08	32	YES	1980
11	12:00	1.7	70.00	119	8	7.07	33	YES	1980
12	7:45	1.6	70.00	112	8	7.13	32	YES	1980
13	11:04	1.6	70.00	112	8	7.16	32	YES	1980
14	10:45	1.6	70.00	112	9	7.04	32	YES	1980
15	9:00	1.5	70.00	105	9	7.16	32	YES	1980
16	12:15	1.5	70.00	105	9	6.98	26	YES	1980
17	10:15	1.6	70.00	112	9	7.09	32	YES	1980
18	11:45	1.4	70.00	98	9	7.05	31	YES	1980
19	10:30	1.6	70.00	112	8	7.16	32	YES	1980
20	11:08	1.6	70.00	112	8	7.18	32	YES	1980
21	13:00	1.6	70.00	112	9	7.05	32	YES	1980
22	10:15	1.5	70.00	105	8	7.17	32	YES	1980
23	8:37	1.5	70.00	105	8	7.15	32	YES	1980
24	8:16	1.5	70.00	105	8	7.11	32	YES	1980
25	11:30	1.5	70.00	105	8	7.18	32	YES	1980
26	8:55	1.6	70.00	112	9	7.13	32	YES	1980
27	11:45	1.5	70.00	105	8	7.18	32	YES	1980
28	9:01	1.6	70.00	112	8	7.19	32	YES	1980
29	8:45	1.6	70.00	112	9	7.23	32	YES	1980
30	10:45	1.5	70.00	105	8	7.19	32	YES	1980
31	10:14	1.6	70.00	112	8	7.13	32	YES	1980

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWS to be notified by end of next business day.

Revised October 2013