

OHA - Drinking Water Program - Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: Douglas

System Name: Sutherlin, City of ID# OR4100847				WTP: WTP-A MONTH/YEAR		October/2023	
Nonpariel							
Day	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	¹ Highest Reading of the Day NTU
1	OFF	0.033	0.027	OFF	OFF	0.027	0.043
2	0.028	OFF	OFF	0.028	0.028	OFF	0.044
3	OFF	OFF	0.030	0.030	OFF	OFF	0.046
4	0.035	0.036	OFF	0.040	OFF	OFF	0.113
5	0.046	OFF	OFF	0.054	OFF	0.062	0.068
6	0.067	OFF	0.078	0.017	0.021	OFF	0.079
7	0.019	OFF	0.021	0.019	OFF	OFF	0.025
8	0.019	OFF	0.024	0.019	0.019	OFF	0.024
9	0.020	OFF	0.023	0.021	OFF	0.023	0.026
10	0.022	OFF	0.026	0.023	OFF	0.026	0.031
11	0.025	OFF	0.029	0.028	OFF	0.032	0.036
12	OFF	OFF	0.039	0.039	0.038	OFF	0.052
13	0.043	OFF	0.058	0.023	OFF	OFF	0.079
14	0.028	OFF	OFF	0.030	0.020	OFF	0.032
15	0.021	OFF	OFF	0.020	0.019	OFF	0.025
16	0.022	OFF	0.021	OFF	0.021	0.019	0.026
17	OFF	OFF	OFF	0.061	0.020	0.019	0.068
18	OFF	OFF	OFF	0.020	0.020	OFF	0.028
19	OFF	OFF	0.020	0.020	OFF	OFF	0.026
20	0.021	OFF	OFF	0.022	OFF	OFF	0.030
21	0.023	0.021	OFF	0.021	OFF	OFF	0.029
22	0.023	OFF	OFF	0.024	0.022	0.022	0.029
23	OFF	OFF	0.025	0.022	0.022	OFF	0.029
24	0.025	0.024	OFF	0.024	OFF	OFF	0.035
25	0.025	OFF	OFF	0.025	OFF	OFF	0.036
26	0.035	0.032	OFF	0.033	OFF	OFF	0.074
27	0.036	OFF	OFF	0.038	0.040	OFF	0.052
28	OFF	0.051	0.062	0.047	OFF	OFF	0.139
29	0.057	0.061	OFF	0.082	0.065	0.073	0.097
30	0.079	OFF	0.080	0.097	OFF	OFF	0.132
31	0.170	0.020	OFF	0.024	0.038	OFF	0.170
Conventional or Direct Filtration				Monthly Summary (Answer Yes or No)			
95% of the 4-hour turbidity reading ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No				CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		All Cl ₂ residual at entry point ≥ 0.2mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No							
All turbidity readings < IFE ² triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No ²							
Notes:				Printed Name: Alan Taylor			
				Signature: <i>Alan Taylor</i>			Date: 11/2/23
				Phone #: (541) 459-5768			Cert #: T 08797

¹ Including continuous turbidity 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 = Individual Filter Effluent. (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

Sutherlin, City of		ID# OR4100847	WTP: WTP-A		MONTH/YEAR:	October/2023	Required Log Inactivation: 1.0	
Nonpariel								
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 Demand Flow
	PPM or MG/L	Minutes	C x T	° C		Use Tables	Y/N	[GPM]
1/ 9:30	1.6	50.9	81.44	13	6.52	40	YES	1400
2/ 10:45	1.6	50.9	81.44	14	7.24	48	YES	1400
3/ 10:30	1.4	50.9	71.26	15	6.57	26	YES	1400
4/ 13:00	1.5	50.9	76.35	15	7.28	32	YES	1400
5/ 10:00	1.5	50.9	76.35	16	7.26	32	YES	1400
6/ 10:00	1.5	50.9	76.35	16	7.18	32	YES	1400
7/ 9:15	1.5	50.9	76.35	16	6.50	22	YES	1400
8/ 9:15	1.6	50.9	81.44	17	6.87	26	YES	1400
9/ 9:15	1.5	50.9	76.35	17	6.84	26	YES	1400
10/ 9:00	1.5	50.9	76.35	16	6.47	22	YES	1400
11/ 9:15	1.4	50.9	71.26	15	6.60	26	YES	1400
12/ 9:30	1.5	50.9	76.35	14	6.90	40	YES	1400
13/ 10:00	1.5	50.9	76.35	13	7.04	48	YES	1400
14/ 14:10	1.6	50.9	81.44	13	7.09	48	YES	1400
15/ 13:30	1.6	50.9	81.44	14	7.17	48	YES	1400
16/ 10:00	1.6	50.9	81.44	16	7.18	32	YES	1400
17/ 10:45	1.5	50.9	76.35	16	7.28	32	YES	1400
18/ 10:00	1.5	50.9	76.35	16	7.17	32	YES	1400
19/ 9:15	1.5	50.9	76.35	15	7.13	32	YES	1400
20/ 11:07	1.4	50.9	71.26	15	7.23	31	YES	1400
21/ 12:08	1.5	50.9	76.35	15	7.19	32	YES	1400
22/ 13:30	1.7	50.9	86.53	14	7.21	49	YES	1400
23/ 10:00	1.5	50.9	76.35	15	7.20	32	YES	1400
24/ 11:37	1.6	50.9	81.44	14	7.23	48	YES	1400
25/ 10:30	1.5	50.9	76.35	13	7.27	48	YES	1400
26/ 10:00	1.5	50.9	76.35	11	6.96	40	YES	1400
27/ 11:00	1.6	50.9	81.44	12	7.15	48	YES	1400
28/ 9:09	1.6	50.9	81.44	11	7.16	48	YES	1400
29/ 10:40	1.6	50.9	81.44	8	7.25	64	YES	1400
30/ 10:30	1.6	50.9	81.44	8	7.25	64	YES	1400
31/ 12:45	1.6	50.9	81.44	10	7.30	48	YES	1400

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.