

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** **December/2023**

Nonpareil							
Day	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Highest Reading of the Day NTU
1	0.021	OFF	OFF	0.022	OFF	0.023	0.035
2	0.025	OFF	OFF	0.024	OFF	OFF	0.038
3	0.040	OFF	OFF	OFF	OFF	OFF	0.212
4	0.069	0.042	0.069	0.048	0.040	0.050	0.239
5	0.055	OFF	OFF	0.042	OFF	OFF	0.085
6	OFF	OFF	0.051	0.034	0.025	OFF	0.119
7	OFF	OFF	0.032	0.020	0.044	OFF	0.163
8	OFF	0.023	0.024	0.030	0.027	0.024	0.073
9	OFF	OFF	0.044	0.021	0.025	0.024	0.051
10	OFF	OFF	0.025	0.022	0.023	0.023	0.100
11	OFF	OFF	OFF	0.023	OFF	OFF	0.050
12	0.023	0.023	OFF	0.027	0.022	OFF	0.034
13	0.025	0.022	OFF	0.025	0.022	OFF	0.056
14	OFF	OFF	0.022	0.022	OFF	0.023	0.031
15	0.022	OFF	OFF	0.023	OFF	OFF	0.035
16	0.023	OFF	OFF	0.023	0.022	OFF	0.028
17	OFF	OFF	0.024	0.023	0.022	OFF	0.026
18	OFF	0.024	OFF	0.022	OFF	0.022	0.031
19	0.022	OFF	OFF	0.022	OFF	OFF	0.025
20	0.022	OFF	0.023	0.022	OFF	OFF	0.024
21	0.023	OFF	OFF	0.023	OFF	OFF	0.026
22	0.025	0.022	OFF	0.025	0.025	OFF	0.026
23	OFF	0.027	0.032	0.029	OFF	OFF	0.083
24	0.028	0.028	OFF	0.028	0.028	OFF	0.032
25	OFF	0.028	0.027	OFF	OFF	0.028	0.033
26	0.030	OFF	0.032	0.028	OFF	0.029	0.032
27	0.029	OFF	0.031	0.031	OFF	OFF	0.037
28	0.034	OFF	OFF	0.033	OFF	OFF	0.036
29	0.033	OFF	OFF	0.036	OFF	OFF	0.040
30	OFF	0.036	OFF	0.038	OFF	OFF	0.041
31	0.037	0.039	OFF	0.041	0.041	OFF	0.045

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of the 4-hour turbidity reading ≤ 0.3 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 Cl ₂ residual at entry point ≥ 0.2mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No			
All turbidity readings < IFE ² triggers? <input checked="" type="radio"/> Yes <input type="radio"/> No ²			
Notes:	Printed Name: Alan Taylor		
	Signature: Alan Taylor	Date: 1/5/24	
	Phone #: (541) - 459-5768	Cert #: 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:	December/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/ 10:15	1.5	50.9	76.35	9	7.16	64	Y	1400
2/ 10:15	1.5	50.9	76.35	10	7.04	48	Y	1400
3/ 11:17	1.5	50.9	76.35	13	6.71	40	Y	1400
4/ 9:40	1.6	50.9	81.44	12	6.81	40	Y	1400
5/ 10:15	1.6	50.9	81.44	13	6.88	40	Y	1400
6/ 8:15	1.5	50.9	76.35	13	6.91	40	Y	1400
7/ 11:15	1.6	50.9	81.44	12	6.80	40	Y	1400
8/ 8:10	1.5	50.9	76.35	11	6.90	40	Y	1400
9/ 12:15	1.6	50.9	81.44	10	7.11	48	Y	1400
10/ 9:58	1.7	50.9	86.53	12	7.08	49	Y	1400
11/ 10:09	1.6	50.9	81.44	13	6.85	40	Y	1400
12/ 13:01	1.5	50.9	76.35	12	6.98	40	Y	1400
13/ 13:10	1.6	50.9	81.44	12	7.12	48	Y	1400
14/ 8:00	1.6	50.9	81.44	11	7.02	48	Y	1400
15/ 10:00	1.6	50.9	81.44	10	7.06	48	Y	1400
16/ 11:15	1.6	50.9	81.44	10	7.23	48	Y	1400
17/ 8:56	1.6	50.9	81.44	10	7.20	48	Y	1400
18/ 10:25	1.5	50.9	76.35	12	7.12	48	Y	1400
19/ 10:30	1.6	50.9	81.44	12	7.24	48	Y	1400
20/ 9:35	1.5	50.9	76.35	13	7.11	48	Y	1400
21/ 11:17	1.5	50.9	76.35	12	7.17	48	Y	1400
22/ 10:15	1.5	50.9	76.35	10	7.21	48	Y	1400
23/ 11:00	1.6	50.9	81.44	10	7.20	48	Y	1400
24/ 14:03	1.5	50.9	76.35	10	7.20	48	Y	1400
25/ 8:50	1.6	50.9	81.44	11	7.18	48	Y	1400
26/ 9:40	1.5	50.9	76.35	11	7.26	48	Y	1400
27/ 9:30	1.5	50.9	76.35	11	7.10	48	Y	1400
28/ 10:15	1.5	50.9	76.35	11	7.20	48	Y	1400
29/ 11:00	1.5	50.9	76.35	12	7.25	48	Y	1400
30/ 11:00	1.5	50.9	76.35	13	7.25	48	Y	1400
31/ 11:34	1.4	50.9	71.26	12	7.14	47	Y	1400

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