

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** **January /2024**

Nonpariel							
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	OFF	OFF	0.047	0.045	0.048	OFF	0.050
2	OFF	OFF	0.051	0.053	0.067	OFF	0.073
3	OFF	0.061	OFF	0.072	0.017	OFF	0.143
4	0.018	0.018	OFF	0.020	OFF	0.033	0.033
5	0.019	OFF	0.023	0.020	OFF	OFF	0.027
6	0.019	OFF	OFF	0.025	0.024	0.024	0.030
7	OFF	OFF	0.026	0.023	0.025	0.026	0.045
8	OFF	OFF	0.034	OFF	0.024	0.026	0.038
9	OFF	OFF	0.049	0.026	0.158	0.131	0.158
10	0.026	OFF	OFF	0.024	OFF	OFF	0.120
11	0.023	OFF	OFF	0.026	OFF	OFF	0.116
12	0.029	0.158	0.034	OFF	0.048	OFF	0.262
13	OFF	OFF	0.055	OFF	OFF	OFF	0.079
14	OFF	OFF	OFF	OFF	0.035	0.048	0.264
15	0.026	OFF	OFF	0.026	0.150	0.027	0.292
16	OFF	OFF	OFF	0.027	0.024	0.026	0.081
17	OFF	OFF	0.031	0.043	0.117	OFF	0.181
18	OFF	0.046	0.066	0.029	0.035	OFF	0.096
19	0.034	0.030	0.030	0.029	OFF	0.028	0.050
20	0.027	OFF	OFF	0.035	OFF	OFF	0.050
21	0.034	0.034	0.039	OFF	0.038	0.040	0.074
22	OFF	OFF	OFF	0.054	0.055	OFF	0.105
23	OFF	OFF	0.077	0.088	OFF	OFF	0.089
24	0.019	0.018	OFF	0.023	OFF	OFF	0.031
25	0.022	0.022	OFF	0.033	OFF	OFF	0.033
26	0.021	OFF	0.020	0.019	OFF	0.077	0.077
27	0.019	OFF	OFF	0.024	0.021	OFF	0.034
28	OFF	OFF	0.021	0.026	OFF	OFF	0.035
29	0.023	OFF	0.024	0.025	OFF	OFF	0.226
30	0.027	OFF	OFF	0.043	0.042	OFF	0.112
31	OFF	0.050	0.047	0.048	OFF	0.051	0.056

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			
Notes:	Printed Name: Alan Taylor		
	Signature: <i>Alan Taylor</i>	Date: 2/2/24	
	Phone #: (541) 459-5768	Cert #: 8797	

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:		January/2024		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/ 9:19	1.6	50.9	81.44	12	7.29	48	Y	1400
2/ 11:15	1.6	50.9	81.44	9	7.25	64	Y	1400
3/ 11:15	1.6	50.9	81.44	9	7.25	64	Y	1400
4/ 10:05	1.5	50.9	76.35	11	7.27	48	Y	1400
5/ 10:00	1.6	50.9	81.44	11	7.19	48	Y	1400
6/ 11:00	1.6	50.9	81.44	10	7.18	48	Y	1400
7/ 10:17	1.5	50.9	76.35	11	7.14	48	Y	1400
8/ 9:38	1.6	50.9	81.44	10	7.18	48	Y	1400
9/ 8:54	1.5	50.9	76.35	11	7.09	48	Y	1400
10/ 10:35	1.5	50.9	76.35	11	6.98	40	Y	1400
11/ 10:18	1.6	50.9	81.44	11	7.00	40	Y	1400
12/ 7:55	1.6	50.9	81.44	11	7.06	48	Y	1400
13/ 11:00	1.7	50.9	86.53	10	6.93	41	Y	1400
14/ 12:00	1.6	50.9	81.44	10	6.71	40	Y	1400
15/ 12:00	1.5	50.9	76.35	9	7.07	64	Y	1400
16/ 11:54	1.6	50.9	81.44	10	7.13	48	Y	1400
17/ 10:00	1.5	50.9	76.35	10	7.09	48	Y	1400
18/ 9:50	1.5	50.9	76.35	11	6.85	40	Y	1400
19/ 9:30	1.5	50.9	76.35	11	7.02	48	Y	1400
20/ 11:45	1.6	50.9	81.44	11	7.17	48	Y	1400
21/ 8:55	1.6	50.9	81.44	12	7.11	48	Y	1400
22/ 10:20	1.5	50.9	76.35	11	7.20	48	Y	1400
23/ 8:20	1.6	50.9	81.44	12	7.04	48	Y	1400
24/ 10:30	1.6	50.9	81.44	12	7.23	48	Y	1400
25/ 9:50	1.5	50.9	76.35	11	7.13	48	Y	1400
26/ 9:55	1.6	50.9	81.44	11	7.18	48	Y	1400
27/ 11:00	1.5	50.9	76.35	13	7.16	48	Y	1400
28/ 9:04	1.5	50.9	76.35	13	6.96	40	Y	1400
29/ 10:20	1.5	50.9	76.35	12	7.16	48	Y	1400
30/ 10:45	1.5	50.9	76.35	14	7.07	48	Y	1400
31/ 8:15	1.5	50.9	76.35	14	7.10	48	Y	1400

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