


OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

System Name: BEND WATER DEPARTMENT			ID#: OR4100100		County: Deschutes WTP: WTP-A		Month/Year: Jan, 2023
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	0.0149	0.0149	0.0149	0.015	0.0151	0.0151	0.0151
2	0.015	0.015	0.015	0.0151	0.0151	0.0151	0.0165
3	0.015	0.015	0.015	0.015	0.015	0.015	0.0152
4	0.015	0.015	0.015	0.015	0.015	0.015	0.0194
5	0.015	0.0151	0.0151	0.0151	0.0151	0.015	0.0193
6	0.015	0.015	0.0151	0.015	0.0151	0.015	0.0157
7	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0153
8	0.0151	0.0151	0.0152	0.0151	0.0152	0.0151	0.0153
9	0.0151	0.0151	0.0152	0.0152	0.0152	0.0151	0.0157
10	0.0151	0.0151	0.0151	0.0151	0.0152	0.0151	0.0153
11	0.0151	0.0151	0.0151	0.0152	0.0152	0.0151	0.018
12	0.0151	0.0151	0.0152	0.0151	0.0155	0.0155	0.0164
13	0.0155	0.0156	0.0161	0.0161	0.0162	0.0161	0.0167
14	0.0161	0.0161	0.0161	0.016	0.016	0.016	0.0162
15	0.016	0.016	0.0159	0.0159	0.0157	0.0157	0.0162
16	0.0158	0.0158	0.0157	0.0156	0.0155	0.0154	0.0161
17	0.0157	0.0157	0.0156	0.0154	0.0155	0.0156	0.016
18	0.0158	0.0159	0.016	0.016	0.0159	0.016	0.0231
19	0.016	0.0157	0.0154	0.0153	0.0153	0.0153	0.0183
20	0.0153	0.0153	0.0153	0.0151	0.0152	0.0152	0.0156
21	0.0155	0.0157	0.0156	0.0155	0.0155	0.0157	0.0161
22	0.016	0.016	0.0158	0.0156	0.0155	0.0156	0.0161
23	0.0158	0.0159	0.0158	0.0156	0.0156	0.016	0.0168
24	0.0162	0.0163	0.0145	0.0146	0.0146	0.0148	0.0165
25	0.0149	0.0151	0.0166	0.0159	0.0158	0.0159	0.0454
26	0.0161	0.0161	0.016	0.016	0.0158	0.0158	0.0185
27	0.0162	0.0163	0.0163	0.0162	0.0162	0.0162	0.0165
28	0.0161	0.016	0.0158	0.0157	0.0157	0.0157	0.0162
29	0.0158	0.0158	0.0154	0.0154	0.0154	0.0153	0.016
30	0.0154	0.0153	0.0154	0.0156	0.015	0.0146	0.0165
31	0.0149	0.0151	0.0152	0.0155	0.0157	0.0158	0.029
Membrane					Monthly Summary (Answer Yes or No)		
95% of daily turbidity readings ≤ 1 NTU?				YES	CT's met everyday? (see back)		All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?				YES	YES	YES	
Notes:					PRINTED NAME: Rod J. Mingus		
					SIGNATURE: 		2/5/2023
					PHONE #: (541) 317-3000		CERT #: T-08557

OHA - Drinking Water Services - Surface Water Quality Data Form

BEND WATER DEPARTMENT ID#: OR4100100 WTP: WTP-A							Disinfection Giardia Log Inactivation: 0.5		Month/Year: Jan, 2023
Date	Minimum Cl2 Residual at 1st User (C)	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met?	Peak Hourly Demand Flow CT Basin	Peak Hourly Demand Flow Outback #1
	[ppm or mg/L]	[minutes]	C X T	[° C]	[SU]	formula	Yes / No	[GPM]	[GPM]
1	1.08	454	491	4.05	7.37	33	Y	4,958	5,522
2	1.06	488	517	3.69	7.42	34	Y	4,623	5,266
3	1.06	504	534	3.51	7.4	35	Y	4,432	5,302
4	1.1	497	547	3.91	7.4	34	Y	4,561	5,228
5	1.11	524	581	4.01	7.41	34	Y	4,335	5,122
6	1.11	503	558	4.01	7.4	34	Y	4,360	5,365
7	1.1	490	539	4.32	7.35	32	Y	4,422	5,279
8	1.1	500	550	4.32	7.36	32	Y	4,405	5,284
9	1.12	430	482	4.31	7.39	33	Y	5,139	5,863
10	1.1	494	543	4.27	7.84	39	Y	4,466	5,336
11	1.05	413	434	4.12	7.68	37	Y	5,228	6,160
12	1.04	474	493	4.22	7.69	37	Y	4,645	5,548
13	1.03	472	486	4.23	7.67	36	Y	4,931	5,324
14	1.04	488	507	4.55	7.68	36	Y	4,506	5,439
15	1.03	505	520	4.48	7.64	35	Y	4,430	5,323
16	1.04	456	475	4.28	7.67	36	Y	4,792	5,616
17	1.03	501	516	4.16	7.69	37	Y	4,415	5,221
18	1.04	415	432	3.95	7.69	37	Y	5,119	6,266
19	1.06	513	543	4.05	7.52	35	Y	4,521	5,164
20	1.08	522	564	3.63	7.52	36	Y	4,384	5,108
21	1.1	535	588	3.39	7.53	37	Y	4,234	5,065
22	1.08	549	593	3.76	7.59	37	Y	4,233	4,835
23	1.07	517	553	3.8	7.56	36	Y	4,425	4,940
24	1.08	750	810	3.47	7.6	37	Y	3,300	3,431
25	1.02	379	386	4.49	7.67	36	Y	5,652	6,514
26	1.06	507	537	4.31	7.61	35	Y	4,458	5,198
27	1.06	517	548	4.27	7.63	36	Y	4,366	5,071
28	1.06	515	545	4.34	7.63	36	Y	4,390	5,226
29	1.07	524	561	3.63	7.58	37	Y	4,384	5,004
30	1.1	539	592	2.91	7.6	39	Y	4,376	4,794
31	1.03	527	543	4.12	7.63	36	Y	4,137	4,977