

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: Dec, 2022
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	0.0364	0.0328	0.0306	0.0265	0.0235	0.0223	0.037
2	0.0213	0.0197	0.0194	0.0189	0.0179	0.0174	0.0215
3	0.0172	0.017	0.0169	0.0169	0.0167	0.0171	0.0177
4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
5	0.0174	0.0177	0.0184	0.017	0.0169	0.0168	0.0461
6	0.0166	0.0166	0.0167	0.0168	0.0167	0.0167	0.0174
7	0.0165	0.0163	0.0163	0.0164	0.0163	0.0163	0.0166
8	0.0163	0.0163	0.0163	0.0163	0.0164	0.0163	0.0195
9	0.0163	0.0163	0.0162	0.0163	0.0163	0.0162	0.0165
10	0.0162	0.0162	0.0163	0.0163	0.0163	0.0163	0.0164
11	0.0163	0.0163	0.0163	0.0163	0.0163	0.0163	0.0164
12	0.0163	0.0164	0.0163	0.0163	0.0163	0.0163	0.0176
13	0.0163	0.0163	0.0162	0.0162	0.0163	0.0162	0.0165
14	0.0163	0.0163	0.0163	0.019	0.0162	0.0162	0.0195
15	0.0162	0.0162	0.0162	0.0162	0.0149	0.0149	0.0181
16	0.0148	0.0148	0.0148	0.0148	0.0149	0.0149	0.015
17	0.0148	0.0148	0.0148	0.0148	0.0148	0.0147	0.0149
18	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0149
19	0.0147	0.0147	0.0148	0.0147	0.0147	0.0147	0.0155
20	0.0147	0.0147	0.0144	0.015	0.0149	0.0149	0.0154
21	0.0149	0.0149	0.0149	0.0149	0.0149	0.0149	0.0151
22	0.0149	0.0149	0.015	0.015	0.015	0.015	0.0871
23	0.015	0.015	0.015	0.015	0.015	0.015	0.0151
24	0.015	0.0149	0.0152	0.015	0.015	0.015	0.0168
25	0.015	0.015	0.0149	0.0149	0.0148	0.0149	0.0152
26	0.0148	0.0148	0.0149	0.0148	0.0148	0.0148	0.018
27	0.0149	0.0148	0.0148	0.0149	0.015	0.0149	0.0156
28	0.015	0.015	0.0151	0.0151	0.0151	0.015	0.0424
29	0.0149	0.015	0.015	0.0149	0.015	0.015	0.0212
30	0.0149	0.015	0.0149	0.015	0.015	0.0148	0.0155
31	0.0149	0.015	0.0149	0.0149	0.0149	0.0149	0.0153
Membrane					Monthly Summary (Answer Yes or No)		
95% of daily turbidity readings ≤ 1 NTU?				YES	CT's met everyday? (see back)		All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?				YES	YES		YES
Notes: n/a or 0 = Down for Repairs/Maintenance					PRINTED NAME: Rod J. Mingus		
					SIGNATURE: 		1/5/2023
					PHONE #: (541) 317-3000		CERT #: T-08557

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BEND WATER DEPARTMENT ID#: OR4100100 WTP: WTP-A							Disinfection Giardia Log Inactivation: 0.5		Month/Year: Dec, 2022
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	432	467	4.09	7.31	32	Y	5,167	5,920
2	1.02	473	483	3.64	7.35	34	Y	4,823	5,741
3	1.03	553	570	3.5	7.39	34	Y	4,383	4,840
4	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0
5	0.94	436	410	4.49	7.26	30	Y	5,019	5,930
6	1.13	397	449	4.14	7.36	33	Y	5,326	6,845
7	1.04	517	538	4.07	7.4	33	Y	4,626	5,198
8	1.07	527	564	4.01	7.42	34	Y	4,627	4,969
9	1.06	536	568	3.8	7.34	33	Y	4,417	5,073
10	1.04	536	557	3.81	7.4	34	Y	4,524	5,009
11	1.04	480	499	4.27	7.41	33	Y	4,788	5,625
12	1.03	537	553	4.35	7.35	32	Y	4,389	5,067
13	1.1	549	604	4.11	7.38	33	Y	4,474	4,879
14	1.12	535	600	3.56	7.42	35	Y	4,463	5,038
15	1.12	543	608	3.89	7.38	34	Y	4,189	4,922
16	1.12	443	496	3.69	7.4	34	Y	5,021	5,701
17	1.11	532	591	3.49	7.4	35	Y	4,304	5,056
18	1.13	513	580	3.55	7.37	34	Y	4,368	5,211
19	1.12	511	572	3.91	7.42	34	Y	4,347	5,160
20	1.1	495	544	4.09	7.4	33	Y	4,841	5,244
21	1	388	388	4.14	7.39	33	Y	5,493	6,490
22	1.05	490	514	3.3	7.4	35	Y	4,466	5,304
23	1.03	460	474	3.09	7.43	36	Y	4,893	5,451
24	0.88	461	406	4.31	7.39	32	Y	4,624	5,754
25	0.9	477	429	4.75	7.33	30	Y	4,679	5,316
26	0.99	460	455	4.72	7.42	32	Y	4,842	5,450
27	0.91	490	446	4.79	7.4	31	Y	4,484	5,406
28	1.07	523	560	3.84	7.41	34	Y	4,263	5,122
29	0.99	461	457	3.99	7.38	33	Y	4,742	5,692
30	1.05	518	543	4.09	7.4	33	Y	4,354	5,127
31	1.06	444	471	4.12	7.39	33	Y	5,124	5,699