

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: Oct, 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	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
2	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
3	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0149
4	0.0139	0.0139	0.0139	0.0139	0.0139	0.0138	0.0141
5	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
6	0.0139	0.0139	0.0139	0.0139	0.0138	0.0138	0.0155
7	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0141
8	0.0139	0.0139	0.014	0.0139	0.0139	0.0139	0.014
9	0.0139	0.014	0.014	0.0139	0.0139	0.0139	0.0141
10	0.0139	0.0139	0.014	0.014	0.0139	0.0139	0.015
11	0.0139	0.014	0.014	0.0139	0.0139	0.0139	0.0141
12	0.0139	0.014	0.014	0.014	0.0139	0.0139	0.014
13	0.014	0.0141	0.014	0.0139	0.0139	0.0139	0.0175
14	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
15	0.0138	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
16	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.014
17	0.0139	0.014	0.014	0.0142	0.0139	0.0139	0.0185
18	0.014	0.014	0.014	0.0139	0.0139	0.0139	0.0145
19	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0141
20	0.0139	0.014	0.0155	0.014	0.0139	0.0139	0.0159
21	0.0139	0.014	0.0139	0.0139	0.0138	0.0138	0.014
22	0.0138	0.0139	0.0139	0.0138	0.0139	0.0139	0.0141
23	0.014	0.014	0.014	0.014	0.0139	0.0139	0.0141
24	0.014	0.014	0.014	0.014	0.014	0.014	0.0157
25	0.014	0.0139	0.014	0.0141	0.014	0.014	0.0198
26	0.014	0.014	0.014	0.0141	0.0141	0.0142	0.0151
27	n/a	n/a	n/a	n/a	n/a	n/a	n/a
28	n/a	n/a	n/a	n/a	n/a	n/a	n/a
29	n/a	n/a	n/a	n/a	n/a	n/a	n/a
30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
31	n/a	n/a	n/a	n/a	n/a	n/a	n/a
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: 		11/5/2022
					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: Oct, 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	1.01	275	277	8.96	7.27	23	Y	7,645	8,307
2	1.02	275	280	8.84	7.25	23	Y	7,624	8,342
3	1.01	274	276	8.91	7.25	23	Y	7,676	8,310
4	1.01	272	275	8.54	7.31	24	Y	7,631	8,293
5	0.99	272	269	8.92	7.3	23	Y	7,665	8,300
6	0.97	273	264	8.81	7.27	23	Y	7,649	8,309
7	1.02	276	281	8.52	7.38	24	Y	7,608	8,320
8	1.01	275	277	8.84	7.32	23	Y	7,655	8,329
9	1.01	276	278	8.73	7.38	24	Y	7,629	8,331
10	1.01	276	279	8.66	7.37	24	Y	7,609	8,317
11	1.04	273	284	8.81	7.35	24	Y	7,687	8,325
12	0.99	276	273	8.42	7.33	24	Y	7,605	8,311
13	0.99	273	270	8.46	7.33	24	Y	7,655	8,334
14	1	274	274	8.48	7.33	24	Y	7,657	8,332
15	0.99	276	273	8.01	7.27	24	Y	7,632	8,329
16	0.98	276	270	8.03	7.29	24	Y	7,574	8,305
17	1.01	274	276	8.13	7.37	25	Y	7,712	8,354
18	1.06	277	293	7.63	7.29	25	Y	7,626	8,290
19	1.05	277	291	7.81	7.29	25	Y	7,613	8,293
20	0.98	282	276	7.61	7.44	26	Y	7,533	8,167
21	0.95	286	272	7.89	7.43	26	Y	7,396	8,085
22	0.87	363	316	7.78	7.43	26	Y	6,129	6,897
23	1.08	350	378	6.25	7.35	28	Y	6,297	7,050
24	1.08	325	351	6.48	7.39	28	Y	6,510	7,419
25	0.85	360	306	6.78	7.28	26	Y	6,200	6,958
26	1.02	453	462	6.37	7.42	29	Y	5,006	5,595
27	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0
28	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0
29	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0
30	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0
31	n/a	0	n/a	n/a	n/a	n/a	n/a	0	0