

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: Aug, 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	0.0134	0.0135	0.0135	0.0135	0.0134	0.0134	0.0147
2	0.0132	0.0134	0.0135	0.0135	0.0134	0.0134	0.0141
3	0.0132	0.0135	0.0135	0.0134	0.0134	0.0132	0.0136
4	0.0133	0.0135	0.0144	0.0135	0.0134	0.0134	0.017
5	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0136
6	0.0135	0.0135	0.0135	0.0135	0.0134	0.0134	0.0136
7	0.0135	0.0135	0.0135	0.0135	0.0135	0.0134	0.0136
8	0.0134	0.0135	0.0135	0.0135	0.0135	0.0135	0.0146
9	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135	0.0169
10	0.0135	0.0135	0.0135	0.0135	0.0134	0.0134	0.0167
11	0.0134	0.0134	0.0134	0.0136	0.0134	0.0134	0.0164
12	0.0134	0.0134	0.0135	0.0134	0.0134	0.0134	0.0136
13	0.0134	0.0134	0.0135	0.0134	0.0134	0.0134	0.0135
14	0.0134	0.0135	0.0135	0.0135	0.0134	0.0134	0.0136
15	0.0134	0.0134	0.0135	0.0135	0.0135	0.0134	0.0144
16	0.0135	0.0135	0.0135	0.0135	0.0134	0.0134	0.0137
17	0.0134	0.0134	0.0135	0.0134	0.0134	0.0133	0.0158
18	0.0133	0.0134	0.0134	0.0134	0.0134	0.0134	0.0143
19	0.0133	0.0134	0.0134	0.0134	0.0133	0.0133	0.0135
20	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0135
21	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0135
22	0.0134	0.0134	0.0135	0.0135	0.0134	0.0134	0.0135
23	0.0134	0.0135	0.0135	0.0135	0.0135	0.0134	0.014
24	0.0135	0.0135	0.0135	0.0135	0.0135	0.0134	0.0137
25	0.0134	0.0135	0.0135	0.0135	0.0134	0.0134	0.0154
26	0.0134	0.0135	0.0135	0.0135	0.0134	0.0134	0.0136
27	0.0135	0.0135	0.0135	0.0135	0.0135	0.0134	0.0136
28	0.0135	0.0136	0.0136	0.0135	0.0135	0.0135	0.0137
29	0.0135	0.0136	0.0136	0.0136	0.0135	0.0135	0.0145
30	0.0135	0.0135	0.0135	0.0135	0.0135	0.0134	0.0136
31	0.0136	0.0135	0.0136	0.014	0.0134	0.0134	0.0152
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:					PRINTED NAME: Rod J. Mingus		
					SIGNATURE: 		9/5/2022
					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: Aug, 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	1.02	274	279	11.71	7.42	20	Y	7,609	8,260
2	0.99	272	270	12.08	7.47	20	Y	7,633	8,242
3	1	275	275	12.3	7.36	19	Y	7,667	8,229
4	1.03	280	288	11.29	7.47	21	Y	7,592	8,191
5	0.96	283	271	11.83	7.58	21	Y	7,504	8,163
6	0.98	283	277	11.39	7.32	20	Y	7,509	8,147
7	1.01	281	284	11.17	7.36	20	Y	7,593	8,144
8	0.99	281	278	11.52	7.33	20	Y	7,561	8,182
9	0.98	272	267	11.99	7.35	19	Y	7,564	8,177
10	0.91	263	239	11.82	7.23	18	Y	7,561	8,237
11	1.07	285	305	10.53	7.18	20	Y	7,449	8,071
12	1.03	282	290	11.57	7.24	19	Y	7,557	8,159
13	1.05	281	295	10.88	7.24	20	Y	7,548	8,205
14	1.02	281	287	11.32	7.06	18	Y	7,595	8,166
15	1.03	282	291	11.2	7.13	19	Y	7,520	8,189
16	1.03	279	288	10.6	7.43	22	Y	7,611	8,195
17	1	278	278	11.69	7.4	20	Y	7,636	8,240
18	1	279	279	11.57	7.31	19	Y	7,622	8,244
19	1.04	280	291	11.09	7.28	20	Y	7,619	8,206
20	0.98	279	273	11.48	7.32	20	Y	7,574	8,248
21	1.04	279	290	11.41	7.32	20	Y	7,601	8,226
22	1.06	276	292	10.77	7.34	21	Y	7,685	8,213
23	1.12	275	308	10.57	7.33	21	Y	7,601	8,251
24	1.08	273	295	11.03	7.28	20	Y	7,636	8,259
25	1.09	273	298	10.82	7.38	21	Y	7,634	8,256
26	1.06	273	289	11.54	7.35	20	Y	7,644	8,228
27	1.07	271	290	10.38	7.28	21	Y	7,639	8,268
28	1.03	273	281	11.11	7.27	20	Y	7,589	8,254
29	1.06	278	294	10.12	7.26	21	Y	7,568	8,231
30	1.05	274	288	10.77	7.3	20	Y	7,696	8,223
31	1.03	274	282	11.31	7.15	19	Y	7,678	8,252