

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: Jul, 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	0.0132	0.0133	0.0133	0.0133	0.0132	0.0133	0.0143
2	0.0133	0.0133	0.0133	0.0133	0.0133	0.0133	0.0136
3	0.0133	0.0133	0.0133	0.0133	0.0133	0.0133	0.0139
4	0.0134	0.0133	0.0134	0.0134	0.0133	0.0133	0.0203
5	0.0133	0.0133	0.0137	0.0134	0.0134	0.0133	0.0149
6	0.0133	0.0134	0.0133	0.0133	0.0133	0.0133	0.0161
7	0.0133	0.0134	0.0135	0.0138	0.0134	0.0134	0.0321
8	0.0133	0.0135	0.0135	0.0134	0.0134	0.0133	0.02
9	0.0138	0.0137	0.0135	0.0134	0.0141	0.0134	0.0192
10	0.0132	0.0134	0.0135	0.0135	0.0134	0.0133	0.0167
11	0.0134	0.0135	0.0135	0.0135	0.0134	0.0133	0.016
12	0.0132	0.0134	0.0136	0.0134	0.0134	0.0133	0.0155
13	0.0133	0.0134	0.0136	0.0136	0.0134	0.0133	0.0171
14	0.0133	0.0135	0.0134	0.0135	0.0134	0.0133	0.0162
15	0.0132	0.0133	0.0134	0.0134	0.0134	0.0133	0.0135
16	0.0131	0.0134	0.0134	0.0134	0.0134	0.0133	0.0135
17	0.0132	0.0134	0.0135	0.0134	0.0134	0.0134	0.0138
18	0.0133	0.0135	0.0135	0.0135	0.0134	0.0134	0.0149
19	0.0134	0.0134	0.0135	0.0135	0.0134	0.0134	0.0137
20	0.0132	0.0135	0.0135	0.0135	0.0134	0.0134	0.0172
21	0.0132	0.0134	0.0134	0.0134	0.0134	0.0133	0.0155
22	0.0132	0.0134	0.0134	0.0134	0.0134	0.0134	0.0135
23	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0135
24	0.0134	0.0134	0.0134	0.0135	0.0134	0.0134	0.0136
25	0.0134	0.0135	0.0135	0.0135	0.0135	0.0134	0.0147
26	0.0133	0.0135	0.0134	0.0135	0.0134	0.0132	0.0154
27	0.0133	0.0132	0.0134	0.0134	0.0134	0.0133	0.016
28	0.0132	0.0134	0.0135	0.0135	0.0134	0.0134	0.0172
29	0.0132	0.0134	0.0134	0.0134	0.0134	0.0132	0.0136
30	0.0132	0.0134	0.0135	0.0134	0.0134	0.0132	0.0135
31	0.0133	0.0134	0.0135	0.0135	0.0134	0.0134	0.0135
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: 		8/5/2022
					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: Jul, 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	0.99	372	368	10.41	7.57	23	Y	5,959	6,297
2	1	372	372	10.66	7.62	23	Y	5,927	6,281
3	0.97	369	358	10.39	7.54	23	Y	5,950	6,287
4	0.97	367	356	10.58	7.61	23	Y	5,964	6,306
5	0.96	370	356	10.08	7.58	23	Y	5,909	6,270
6	0.98	394	386	10.28	7.6	23	Y	5,824	6,135
7	1.11	399	443	9.56	7.68	26	Y	5,933	6,180
8	1.08	395	426	10.42	7.63	24	Y	6,004	6,262
9	1.11	394	437	10.17	7.63	24	Y	6,047	6,224
10	1.12	393	440	10.36	7.59	23	Y	6,035	6,254
11	1.11	395	438	10.89	7.58	23	Y	5,990	6,236
12	1.13	392	443	11.18	7.52	22	Y	6,076	6,268
13	1.16	395	458	11.16	7.56	22	Y	5,984	6,241
14	1.14	394	449	11.04	7.55	22	Y	6,011	6,259
15	1.03	393	405	11.65	7.51	21	Y	6,020	6,259
16	1.04	393	409	11.3	7.52	21	Y	6,022	6,282
17	1.05	394	414	11.39	7.55	21	Y	6,026	6,263
18	1.07	391	418	10.76	7.56	23	Y	6,043	6,308
19	1.18	388	458	10.98	7.64	23	Y	6,029	6,278
20	1.12	377	422	11.22	7.56	22	Y	6,038	6,333
21	1.12	286	320	10.71	7.65	23	Y	7,447	8,065
22	1.11	278	308	11.82	7.57	21	Y	7,672	8,237
23	1.1	278	306	11.72	7.5	21	Y	7,631	8,251
24	1.1	278	306	11.68	7.58	21	Y	7,651	8,244
25	1.07	277	296	10.77	7.44	22	Y	7,617	8,252
26	1.03	284	293	12.02	7.47	20	Y	7,473	8,139
27	1.04	276	287	12.04	7.5	20	Y	7,718	8,289
28	1.08	272	294	11.43	7.51	21	Y	7,654	8,244
29	1.03	271	279	12.22	7.35	19	Y	7,691	8,281
30	1.05	275	289	12.06	7.35	19	Y	7,660	8,278
31	1.03	277	285	12.44	7.26	18	Y	7,612	8,292